



Governor Edmund G. Brown

Board for Professional Engineers, Land Surveyors, and Geologists

Meeting of the Board for Professional Engineers, Land Surveyors, and Geologists

June 13, 2013
10:00 a.m.



Board for Professional Engineers, Land
Surveyors, and Geologists
2535 Capitol Oaks Drive
3rd Floor Conference Room
Sacramento, CA 95833

TABLE OF CONTENTS

MEETING OF THE BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

BOARD MEETING LOCATION

JUNE 13, 2013

**Board for Professional Engineers, Land Surveyors, and Geologists
2535 Capitol Oaks Drive
3rd Floor Conference Room
Sacramento, CA 95833**

BOARD MEMBERS

Paul Wilburn, President; Erik Zinn, Vice President; Diane Hamwi; Kathy Jones Irish; Carl Josephson; Coby King; Mike Modugno; Philip Quartararo; Hong Beom Rhee; Ray Satorre; Jerry Silva; Robert Stockton; Patrick Tami; and Michael Trujillo

I.	Roll Call to Establish a Quorum	3
II.	Public Comment NOTE: The Board cannot take action on items not on the agenda. The Board will allow for Public Comment as well as during the discussion of each item on the agenda.	5
III.	Executive Officer's Report	7
	A. Legislation 1. Discussion of Legislation for 2013: AB 186, AB 1057, AB 1063, SB 152, SB 207, SB 679, and SB 822 (Possible Action)	
	B. Strategic Plan Update	
	C. Personnel	
	D. Administrative Task Force (Possible Action)	
	E. BreEZe Status Update	
	F. Discussion of Plastic ID Cards (Possible Action)	
IV.	Enforcement	27
	A. Enforcement Statistical Reports (Possible Action)	
	B. Posting of Enforcement Actions on the Board's Website (Possible Action)	
V.	Exams/Licensing	29
	A. Spring 2013 Examinations Update (Possible Action)	
	B. EIT/LSIT Certification Update (Possible Action)	
	C. EIT/LSIT Certificate Process Discussion (Possible Action)	
	D. Licensing Statistics (Possible Action)	
VI.	Approval of Delinquent Reinstatements (Possible Action)	47
VII.	Reconsideration of Decision Regarding Delinquent Reinstatement Application of Dennis Reid (Possible Action)	51
VIII.	Consideration of Rulemaking Proposals (Possible Action)	89
	A. Update on Board Rules 420.1 and 3021.1 (16 CCR 420.1 and 3021.1), Engineers, Land Surveyors, Geologists, and Geophysicists Applicants Fingerprints	
	B. Adoption of Proposed Amendments to Title 16, California Code of Regulations Sections 475, 476, and 3065 (Codes of Professional Conduct)	

IX. Closed Session – Personnel Matters, Examination Procedures and Results, Administrative Adjudication, and Pending Litigation (As Needed) [Pursuant to Government Code sections 11126(a) and (b), 11126(c)(1), 11126(c)(3), 11126 (e)(1), and 11126(e)(2)(B)(i)]	93
A. Civil Litigation	
1. <u>Dennis William McCreary vs. Board for Professional Engineers, Land Surveyors, and Geologists</u> , Sierra County Superior Court Case No. 7361	
2. <u>Thomas Lutge v. Board for Professional Engineers, Land Surveyors, and Geologists, Department of Consumer Affairs, Sacramento</u> Superior Court Case No. 34-2012-80001329-CU-WM-GDS	
B. Executive Officer Performance Evaluation	
X. Open Session to Announce the Results of Closed Session	95
XI. Administration	97
A. Board Budget Presentation Options (Possible Action)	
B. FY 2012/13 Budget Overview (Possible Action)	
XII. Technical Advisory Committees (TACs)	123
A. Board Assignments to TACs (Possible Action)	
B. Appointment of TAC Members (Possible Action)	
1. Reappointment of Mark Riches to Geologist and Geophysicist TAC	
C. Reports from the TACs (Possible Action)	
D. August 27, 2013 Joint TAC Meeting (Possible Action)	
XIII. Liaison Reports	127
A. ASBOG (Possible Action)	
B. ABET (Possible Action)	
C. NCEES (Possible Action)	
1. Propose Amendment to NCEES Policy Regarding Number of Funded Delegates (Possible Action)	
D. Technical and Professional Societies (Possible Action)	
XIV. President's Report/Board Member Activities	131
XV. Nomination and Election of President and Vice President for Fiscal Year 2013-2014	133
XVI. Other Items Not Requiring Board Action	135
XVII. Approval of Consent Items (Possible Action)	137
(These items are before the Board for consent and will be approved with a single motion following the completion of Closed Session. Any item that a Board member wishes to discuss will be removed from the consent items and considered separately.)	
A. Approval of the Minutes of the April 18, 2013, Board Meeting	
XVIII. Adjourn	149

I. **ROLL CALL TO ESTABLISH A QUORUM**

II.

PUBLIC COMMENT

III.

EXECUTIVE OFFICER'S REPORT

- A. Legislation
 - 1. Discussion of Legislation for 2013: AB 186, AB 1057, AB 1063, SB 152, SB 207, SB 679, and SB 822 (Possible Action)
- B. Strategic Plan Update
- C. Personnel
- D. Administrative Task Force (Possible Action)
- E. BreEZe Status Update
- F. Discussion of Plastic ID Cards (Possible Action)

Board for Professional Engineers, Land Surveyors, and Geologists

2013 Legislative Session

- AB 186** Maienschein. Professions and vocations: military spouses: temporary licenses. This bill would authorize a board within DCA to issue a temporary license for 12 months to an applicant who meets certain requirements.
STATUS: Introduced 1/28/13. Last amended 5/24/13. Passed ASM Appropriations 5/24/13 – to SEN.
BOARD POSITION: Oppose unless amended
- AB 1057** Medina. Professions and vocations: licenses: military service. This bill would require each Board within DCA to inquire in every application for licensure if the applicant is serving in, or has previously served in, the military – commencing January 1, 2015.
STATUS: Introduced 2/22/13, amended 4/9/13. Passed Assembly. To be heard in SEN B,P&ED Committee 6/10/13.
BOARD POSITION: Watch
- AB 1063** Eggman. Surveyors and engineers. (Amends Sections 6732, 8751, 8772 of, and adds Section 8764.6 to the B&P Code) This bill would prohibit the use of certain titles using the words engineer or surveyor unless the person is appropriately licensed. Additionally it would authorize a licensed surveyor to include additional information, as specified, with a record of survey. This bill would require any monument set by a land surveyor or civil engineer to be marked as specified, and to be marked with the name of the agency and the political subdivision it serves, if set by a public agency.
STATUS: Introduced 2/22/13. Last amended 5/6/13. Heard in ASM Appropriations 5/24/13 – held under submission.
BOARD POSITION: Oppose unless amended
- SB 152** Roth. Geologists and Geophysicists: written contracts. (Add Section 7839.2 to B&P Code) This bill would require Geologists and Geophysicists to use a written contract when contracting to provide geological or geophysical services, as specified. It will provide for consistent operations among engineers, land surveyors, geologists and geophysicists. This bill also repeals temporary authorizations for engineers, geologists and geophysicists. This is a Board sponsored bill.
STATUS: Last amended 4/8/13. Passed out of SEN BP&ED Committee 4/1/13. Passed out of SEN Appropriations 4/15/13 - on consent. To be heard in ASM B,P & CP Committee.
BOARD POSITION: Support

Board for Professional Engineers, Land Surveyors, and Geologists

- SB 207** Cannella. Department of Consumer Affairs: license information. (Amend Section 27 of B&P Code) This bill will eliminate the requirement that the Board for Professional Engineers, Land Surveyors, and Geologists disclose its licensee's address of record. This is a Board sponsored bill.
STATUS: Introduced 2/8/13. Scheduled to be heard in SEN BP&ED Committee 4/15/13 - bill pulled by author. This is a two year bill.
BOARD POSITION: Support
- SB 679** Berryhill. Licensees: reporting requirements. (Amend Sections 6770, 6770.1, 6770.2, 8776, 8776.1, and 8776.2 of the B&P Code) This bill would revise the amount for a licensed engineer or Land surveyor to report a civil action judgment, settlement, arbitration award, or administrative action to the Board from "\$50,000 or more" to "more than \$50,000." It also reduces the reportable amount of any civil action judgment or binding arbitration award or administrative action of \$25,000 or greater.
STATUS: Introduced 2/22/13. Amended 4/8/13. Passed out of SEN. To be heard in ASM B,P&CP Committee and Judiciary Committee.
BOARD POSITION: Watch
- SB 822** Committee on Business, Professions and Economic Development. Professions and vocations. (Amend Section 7887 of, and add Section 7851 to, the B&P Code) This is one of the Committee's omnibus bills. Among other things it creates a "retired registration" for geologists and geophysicists. Language provided by the Board.
STATUS: Introduced 3/20/13. Amended 4/22/13. Passed out of SEN. To be heard in ASM.
BOARD POSITION: Support

Board for Professional Engineers and Land Surveyors
Bill Analysis
2013 Legislative Session

BILL: AB 186

AUTHOR: Maienshein
COAUTHOR: Hagman

TOPIC: Professions and vocations: military spouses

DATE OF INTRODUCTION: 1/28/13

MOST RECENT VERSION: 5/24/13

ANALYSIS DATE: 5/28/13

BILLS LEGISLATIVE HISTORY: Passed Assembly. To be heard in Senate Committee on Business, Professions & Economic Development.

BOARD POSITION: Oppose unless amended

SUMMARY: Assembly Bill 186 seeks to authorize military spouses, who have moved here on active duty orders and who have a valid professional license in another state, to receive a 12 month temporary license in the same profession for which they are applying for licensure. The licensee applicant must provide sufficient evidence of being married to, or in a domestic partnership or legal union with, an active duty member of the United States Armed Forces. Also, the licensee applicant shall not have been disciplined by another licensing entity and shall confirm, in writing, that all application information is accurate.

HISTORY: According to Assembly member Maienshein's office, "A recent study by the California Research Bureau has found that California has approximately 72,500 military spouses residing in the state at any given time. It is estimated that over one third of these individuals are involved in a profession that requires some sort of licensing requirement." "According to the Department of Defense, military spouses are ten times more likely to have moved across state lines in the last year compared to their civilian counterparts." With the implementation of provisional licensing through AB 186, military spouses will be able to immediately look for employment to help support their families while taking all the necessary steps to apply and receive a license from the state.

In 2011/12, AB 1904 (Chapter 399, Statutes of 2012), introduced temporary licensure or provisional license for a spouse or domestic partner of an active duty member of the Armed Forces of the United States. AB 1904 was amended, and passed, to require boards within the Department of Consumer Affairs (DCA) to expedite the license process.

AB 186 reestablishes a provisional license, limited to 18 months, while the individual's application is processed for licensure. To receive a provisional license, the individual must have a clean criminal history and verify, in writing, that all application information is accurate. DCA nor any of the participating Boards have offered a formal position regarding the current version.

COMMENT: The Board currently issues a temporary authorization for engineers, geologists, and geophysicists. However, this is not considered a license and authorization is granted for a specific project and is not to exceed a certain number of days. For engineers, authorization is granted for 180 days; for geologists and geophysicists, it is 60 days. Since 1995, the Board has issued temporary authorizations to forty civil engineers. However, only one (1) has been issued since December 2010. If the individual is granted a temporary authorization they are required to take the next administration of the California specific examination. Several individuals have failed to pass the

Board for Professional Engineers and Land Surveyors
Bill Analysis
2013 Legislative Session

California-specific exam. Recently, the Board has proposed legislation to repeal "temporary authorizations". Senate Bill (SB) 152 has been introduced to remove sections 6760, 7848, and 7848.1 from Business and Professions Code pertaining to temporary authorizations being issued to practice professional engineering, geology, or geophysics.

In addition to a temporary authorization, the Board provides comity licensure to all out-of-state individuals that meet the Board requirements. All applicants who've taken and passed a national exam shall receive a license if passage of a national exam is all that is required. If the Board has a California specific exam, like civil engineering, the individual must take and pass that exam prior to receiving licensure from the Board and also have the education, experience, and reference letters to meet licensing requirements. If the individual is not approved and requires additional qualifications the applicant may work under responsible charge of a California licensee until those requirements are met.

Historically, the Board's concern when issuing a temporary authorization has been public safety, specifically related to the practice of civil engineering. The concern is the same if a temporary license is available to a licensee applicant from another state. The Board cannot guarantee that the individual meets California competency levels for licensure until that individual passes the California-specific exams. Specifically, the applicant needs to demonstrate knowledge of seismic forces in the design of structures. Because California has distinctive geography experience and education is necessary before the applicant practices civil engineering proficiently. Allowing any individual to provide professional engineering, geology, or geophysics to a California consumer without proper qualifications and competency opens up California, the consumer, and the Board to potential problems.

It is unknown at this time how many active military licensees the Board has licensed as current systems do not track this information. Most likely this number is very low, if any at all, but to allow a temporary license especially for a civil engineer may be detrimental to consumer safety.

Currently, the author's office has accepted the Board's proposed amendments that require these applicants (Military spouses) take and pass any California specific examination before being issued a temporary license. The bill will be amended in the Senate.

**Board for Professional Engineers and Land Surveyors
Bill Analysis
2013 Legislative Session**

BILL: AB 1057

AUTHOR: Medina

TOPIC: Professions and vocations: licenses: military service

DATE OF INTRODUCTION: 2/22/13

MOST RECENT VERSION: 4/9/13

ANALYSIS DATE: 5/28/13

BILLS LEGISLATIVE HISTORY: Passed Assembly. To be heard in Senate Business, Professions and Economic Development Committee.

BOARD POSITION: Watch

SUMMARY: This bill would require every licensing board under the Department of Consumer Affairs (DCA), beginning January 1, 2015, to inquire on every application for licensure if the applicant is serving in, or has previously served in, the military.

HISTORY: DCA includes 36 regulatory entities that issue licenses in more than 100 business and 200 professional categories, including doctors, dentists, engineers, and contractors. Each licensing body is responsible for enforcing the minimum qualifications for licensure established by statute and regulation. In many cases, experience and education required for licensure vary between licensing bodies. Based on Committee analysis "24 of DCA's licensing programs accept military education and experience, five programs offer general reciprocity for out-of-state applicants, two programs do not have education or experience requirements that would preclude a veteran from applying, two boards do not accept military education and experience, and three programs do not issue licenses". Assembly Bill (AB) 1057, as introduced, aims to inquire, on every application, if the applicant is serving or has served in the military. The intent is to better assist military members as their professional or occupational skills received while in the military can be helpful when applying for licensure.

COMMENT: This Board already has statutory language in place that provides credit towards licensure based on experience gained in the armed forces. Business and Professions Code (B&P) Section 6753.5 states that "all applicants shall be given equal credit for engineering experience in the armed forces of the United States as with any other comparable engineering experience." On average, the Board receives 15,000 applications annually. It is unknown at this time how many military licensees the Board has licensed because current systems do not track this information. If an applicant has military experience that will meet education or experience requirements for licensure the individual needs to have their commanding officer, or immediate supervisor, verify that experience in a reference letter. If the reference is valid then the experience will be counted towards licensing requirements.

The Board should have no issues with AB 1057, but needs to identify that there will be costs associated with implementing legislation as changes will need to be made the DCA's Consumer Affairs System (CAS) or to BreZEz, a new database that centralizes the licensing and enforcement functions of all the licensing programs under DCA.

Board for Professional Engineers, Land Surveyors, and Geologists
Bill Analysis
2013 Legislative Session

BILL: AB 1063

AUTHOR: Eggman

TOPIC: Surveyors and engineers

DATE OF INTRODUCTION: 2/22/13

MOST RECENT VERSION: 5/6/13

ANALYSIS DATE: 5/28/13

BILL'S LEGISLATIVE HISTORY: To be heard in Assembly Appropriations 5/24/13. Held under submission.

BOARD POSITION: Oppose unless amended

SUMMARY:

This bill would prohibit a person from using the title "city engineer," "county engineer," "city surveyor," or "county surveyor," unless the person is licensed as an engineer or surveyor, respectively, as specified. This bill would also authorize a licensed surveyor to include additional information to be filed simultaneously, as a separate document, as specified, with a record of survey. Additionally this bill would require a monument to be marked by the surveyor or civil engineer and to be marked with the name of the agency and political subdivision it serves, if the monument is set by a public agency. (Amends Sections 6732, 8751, and 8772 of, and adds Section 8764.6 to, the Business & Professions Code)

COMMENT:

Board staff had concerns that some of the language in AB 1063 is either not needed or may be confusing. Based on the Board's discussion at its April Board meeting, a few proposed amendments were proposed to both the author and the sponsor (ACEC-CA) but have not been included in the bill. The bill was heard 5/24/13 in Assembly Appropriations Committee and was "held under submission." This bill is now a two year bill.

This bill is being sponsored by ACEC - CA.

Board for Professional Engineers, Land Surveyors, and Geologists
Bill Analysis
2013 Legislative Session

BILL: SB 152

AUTHOR: Roth

TOPIC: Geologists and geophysicists: written contracts

DATE OF INTRODUCTION: 1/31/13

MOST RECENT VERSION: 4/8/13

ANALYSIS DATE: 5/28/13

BILL'S LEGISLATIVE HISTORY: Passed Senate. To be heard in Assembly Business, Professions and Consumer Protection Committee.

BOARD POSITION: Support

SUMMARY:

This bill would, subject to exceptions, require geologists and geophysicists to use a written contract when contracting to provide geological or geophysical services with a client. The bill also specifies certain information to be included in the contract. This bill would also delete the provisions allowing for a temporary authorization to practice as engineer, a geologist, or geophysicist and would make additional conforming changes. (Amends Sections 6775, 6799, and 7860 of, adds Section 7839.2 to, and repeals Sections 6760, 7848, and 7848.1 of the Business and Professions Code.)

COMMENT:

There is currently no statutory requirement that professional geologists and geophysicists execute written contracts with their clients prior to performing services. Professional engineers and land surveyors use written contracts with clients when providing professional services. The Board believes that written contracts are beneficial to both the consumer and the licensee.

Geologists and geophysicists are the only major licensed professions that do not require written contracts for services provided. Written contracts are an effective tool for protecting all parties in complex transactions of a technical nature. Written contracts enhance protection of consumers by ensuring fair contracting and billing practices. They also would protect geologists and geophysicists by ensuring that both parties understand the essential terms of a professional contract.

Temporary authorizations allow individuals who are not licensed in California, who are licensed in another State, to perform engineering and geological work in California. Most engineering disciplines can have a license issued through comity. Those wanting to practice civil engineering can be issued a temporary authorization, for 180 days, to work on a certain project but if they want to get a license through comity they must take and pass the California specific exams on seismic and surveying.

Board for Professional Engineers, Land Surveyors, and Geologists
Bill Analysis
2013 Legislative Session

Since 1995 the Board has issued 40 civil engineering temporary authorizations granted. Of those, 20 took and passed the two special civil exams and became licensed in California, 13 did not attempt to take the two examinations, and 7 failed the exams. There has only been one temporary authorization issued to a geologist.

This bill is being sponsored by the Board.

Board for Professional Engineers, Land Surveyors, and Geologists
Bill Analysis
2013 Legislative Session

BILL: SB 207

AUTHOR: Cannella

TOPIC: Department of Consumer Affairs: licensee information (Section 27 of the B&P Code)

DATE OF INTRODUCTION: 2/08/13

MOST RECENT VERSION: 2/08/13

ANALYSIS DATE: 5/28/13

BILL'S LEGISLATIVE HISTORY: Was scheduled to be heard in Senate Business, Professions and Economic Development Committee 4/15/13 – bill pulled by author. This is a two year bill.

BOARD POSITION: Support

SUMMARY:

Currently, specified boards and bureaus within the Department of Consumer Affairs (DCA) are required to disclose on their respective websites, "public record" information regarding the status of their licensees. The Board would like to amend Section 27 of the Business and Professions Code to remove the requirement that licensees of the Board for Professional Engineers, Land Surveyors, and Geologists have their address of record included on the Board's website.

IDENTIFICATION OF PROBLEM:

Currently all licensees of the Board for Professional Engineers, Land Surveyors and Geologists are required to provide an address of record that is to be published on the Board's website. The Board believes that this is a problem due to a number of unintended consequences that have recently come to our attention. At a past Board meeting, a licensee spoke during public comment stating that she had concerns about having her address of record available to anyone with access to the Internet. She indicated that she works for a state agency where they had a disgruntled employee who obtained her address from the Board's License Lookup on the Board's website. As a result of him having her address he was able to show up at her home and she reported that he made threatening comments to her. She disputed the need for her address to be made public and thought it would be more useful to list an email address or telephone number for consumers to reach her. As stated above, currently the Board is required by law (Section 27 of the Business & Professions Code) to include licensee's address of record as part of the information available through License Lookup. The Board is also aware that licensees may use a business address or a post office box but these choices may not be available or appropriate.

Another potential problem regarding the Board's listing of licensee's address of record on its website has recently come to light. Publishing the address of "elected, appointed and public safety personnel" is not allowable under Government Code Section 6254.21. Currently the Board has no way of tracking or identifying its licensees who are protected

Board for Professional Engineers, Land Surveyors, and Geologists
Bill Analysis
2013 Legislative Session

by Government Code Section 6254.21.

BACKGROUND & LEGISLATIVE HISTORY:

Senate Bill 492, Rosenthal - (Chapter 661, Statutes of 1997) required Internet disclosure of licensee information for a number of boards and bureaus of the Department of Consumer Affairs, and the Department of Real Estate. This information, excluding personal information, on the Internet relative to the status of every license issued by the entity, including information relative to suspensions and revocations of licenses issued by the state agency or regulatory board and other related enforcement action taken against persons, businesses, or facilities subject to licensure or regulation by a state agency or regulatory board, as specified. The information shall not include personal information including home address (unless used as a business address), home telephone number, date of birth, or social security number.

Senate Bill 1889, Figueroa – (Chapter 927, Statutes of 2000) required specified boards and bureaus within the Department of Consumer Affairs, that issue licenses, to disclose information regarding the status of the licenses of their licensees on the Internet. It also required those entities to disclose the address of record of licensees, and required those entities and the Department of Real Estate to allow the licensees to provide a post office box number or other alternative address, instead of a home address. Those boards and bureaus would also be authorized to require licensees to provide a physical business address or residence address, as specified.

PROBABLE SUPPORT & OPPOSITION:

Support – have nothing official but numerous professional organizations – ASCE, ACEC-CA, Cal GEO, CLSA -, and numerous individual licensees have indicated support.

This bill is sponsored by the Board

Board for Professional Engineers, Land Surveyors, and Geologists
Bill Analysis
2013 Legislative Session

BILL: SB 679

AUTHOR: Berryhill

TOPIC: Professional engineers: licensees: reporting requirements

DATE OF INTRODUCTION: 2/22/13

MOST RECENT VERSION: 4/8/13

ANALYSIS DATE: 5/28/13

BILL'S LEGISLATIVE HISTORY: Passed Senate. In Assembly - to be heard in Assembly Business, Professions, and Consumer Protection Committee and Judiciary Committee

BOARD POSITION: Watch

SUMMARY: This bill, for engineers and land surveyors to report to the Board, would increase the amount for civil action settlements and administrative actions resulting in a settlement against the licensee, for a number of actions, if the amount or cause of the settlement is greater than \$50,000. The law currently reads "is \$50,000." Also, a civil action judgment or binding arbitration award or administrative action resulting in a judgment or binding arbitration award against a licensee if the amount or value of the judgment or binding arbitration award is \$25,000 or greater shall be reported to the Board.

COMMENT: Existing law requires licensed professional engineers and licensed professional land surveyors to report to the Board in writing within 90 days any civil action judgment, settlement, arbitration award, or administrative action resulting in a judgment, settlement, or arbitration award against the licensee in any action alleging fraud, deceit, misrepresentation, breach or violation of contract, negligence, incompetence, or recklessness by the licensee in the practice of professional engineering or land surveying if the amount or value is \$50,000 or greater. Reports made to the Board under this provision are not considered public information and are not disclosed on the Board's website. However, the Board can use this information to start an investigation and may pursue discipline against a licensee if deemed necessary.

Since the law initiating the reporting requirement was implemented in 2008, there have been five reported settlements (out of 112) in the amount of \$50,000 made to the Board through FY 2011/2012. Three were for lesser amounts. In the majority of cases, no violation of the law by the licensee was found.

This bill is being sponsored by Cal-Geo.

Board for Professional Engineers, Land Surveyors, and Geologists
Bill Analysis
2013 Legislative Session

BILL: SB 822

AUTHOR: Senate Business, Professions &
Economic Development Committee

TOPIC: Professions and vocations

DATE OF INTRODUCTION: 3/20/13

MOST RECENT VERSION: 4/22/13

ANALYSIS DATE: 5/28/13

BILL'S LEGISLATIVE HISTORY: Passed Senate. To be heard in Assembly Business, Professions, and Consumer Protection Committee.

BOARD POSITION: Support

SUMMARY:

This is the Committee on Business, Professions and Economic Development Omnibus bill. Among other things, this bill would create a new category of registration, to be known as "retired registration," for geologists and geophysicists. (Amends Section 7887 of, and adds Section 7851 to, the Business & Professions Code)

COMMENT:

Currently the Geologist and Geophysicist Act (Business and Profession Code Sections 7800-7887) does not allow a retired license status for Professional Geologists or Geophysicists; however, there are statutes in the Professional Engineers Act and the Professional Land Surveyors Act that allow a retired license status and an associated processing fee.

If a Professional Geologist or Geophysicist retires from his or her profession, they have one of two options: they can stop paying their renewal fees which will cause their license to go to a delinquent status after the license expiration date, and eventually to a canceled status, (five years after the license expiration date), or the other option would be for the individual to continue to pay their renewal fees every two years to keep their license in an active status even though they are retired from the profession.

This bill would establish a retired license status and associated fee for the Professional Geologist and Geophysicist which is consistent with the status established for the Professional Engineers and Land Surveyors.

This bill will be amended to change the word "registration" to "license."

The proposed language for a retired status for Geologists and Geophysicists was put in the Committee's Omnibus bill at the request of the Board.

BPELSG Action Plan FY 2012-13

Goal 1		Completed	In Progress	Remaining
Objective 1.1 – Reduce the aging of enforcement cases to align with DCA's standards.				
<ul style="list-style-type: none"> • Reorganize work assignments to focus on citation process improvement • Increase staff through Budget Change Proposal - Fingerprint BCP, Geologist Registrar BCP • Develop and submit a Budget Change Proposal for a Geologist Registrar • Focus on reducing aging while maintaining high quality standards for enforcement cases 		✓ 7/1/12, 7/1/13 7/1/2013	✓	
Objective 1.2 – Develop and implement a proactive plan to expand the enforcement outreach program.				
<ul style="list-style-type: none"> • Contact several like-minded local organizations and agencies • Contact Outreach unit in DCA headquarters • Develop an Outreach Plan in conjunction with the DCA Outreach Unit 		4/18/2012	✓ ✓	
Objective 1.3 – Discourage unlicensed and incompetent activity through efficient enforcement actions.				
<ul style="list-style-type: none"> • Collaborate with Division of Investigation to accomplish sting operations and sweeps • Increase Outreach to consumers focused specifically on the dangers of Unlicensed Activity • Collaborate with other local agencies by sharing information and educating them on the Board's function 			✓ ✓ ✓	
Objective 1.4 – Improve consumer friendliness of the Board's Web site.				
<ul style="list-style-type: none"> • Create web mapping to combine the Professional Engineers and Geology Web sites • Develop online address changes and incorporate a paperless process • Establish text recognition on all online documents in accordance with ADA compliance • Streamline the information flow and usability of the Web site 		7/5/2012 3/21/2012	✓ ✓	
Objective 1.5 – Establish web accessible information, including linking businesses with licensees.				✓
<ul style="list-style-type: none"> • Coordinated with the release of BreEze 				✓
Objective 1.6 – Significantly reduce the number of backlogged enforcement cases.				✓
<ul style="list-style-type: none"> • See objective 1.1 				✓
Objective 1.7 - Encourage DCA to improve their license lookup functionality on the Web site.				✓
<ul style="list-style-type: none"> • Pending the release of BreEze • Coordinate with the BreEze team to express business needs on decision posting • Coordinate with the BreEze team to express business needs on license functionality 			✓ ✓ ✓	
Objective 1.8 - Participate in preparations towards the BreEze conversion.				✓
<ul style="list-style-type: none"> • See objective 1.7 				✓
Objective 1.9 - Publish enforcement actions on the Board's Web site.				
<ul style="list-style-type: none"> • Update and post final disciplinary decisions on the Board's Web site 			✓	

BPESG Action Plan FY 2012-13		<u>Completed</u>	<u>In Progress</u>	<u>Remaining</u>
Goal 2				
Objective 2.1 - Evaluate current laws and regulations and pursue changes where appropriate, with due consideration for economic impact.			✓	
<ul style="list-style-type: none"> Review licensing and certification fees for businesses as potential legislative action. (see objective 2.6) 			✓	
Objective 2.2 - Seek fingerprinting and criminal history authority through legislation.				
<ul style="list-style-type: none"> Received authority for applicants in approved 2011 Sunset legislation. SB 543, Statutes of 2011. 		2011		✓
<ul style="list-style-type: none"> Move forward with legislation to obtain authority for licensees 				
<ul style="list-style-type: none"> Submit Budget Change Proposal for the hiring of fingerprinting staff 		7/1/2012		
<ul style="list-style-type: none"> Develop and adopt regulations to implement applicant fingerprinting 			✓	
Objective 2.3 - Implement restructuring of examination and application fees.		✓		
<ul style="list-style-type: none"> Restructure fees and receive regulation approval for both PELS and Geologists & Geophysicists programs 		4/30/2012		
<ul style="list-style-type: none"> Publicize the fee restructure once regulations are approved 		4/30/2012		
Objective 2.4 - Review delinquent reinstatement requirements and act on the findings if appropriate.			✓	
<ul style="list-style-type: none"> Consult the Board for proper direction 			✓	
Objective 2.5 - Conduct a review of the penalty structure for unlicensed activity.		✓		
<ul style="list-style-type: none"> Review has been conducted. General statutory language affects the maximum fine. Any changes affect other boards/programs. 		✓		
Objective 2.6 - Seek statutory authority to require Certificates of Authorization for businesses.				
<ul style="list-style-type: none"> Consult Board for further direction 			✓	
<ul style="list-style-type: none"> Identify staffing requirements of implementing business authorization 			✓	
Objective 2.7 - Eliminate Business and Professions Code section 6760 (temporary authorization to practice engineering).				
<ul style="list-style-type: none"> On November 2011 Board agenda. 		11/1/2011		
<ul style="list-style-type: none"> Research has been completed. Staff are currently pursuing legislation. SB 152. 			✓	
Objective 2.8 - Amend regulations that allow appeals of national examinations.		✓		
<ul style="list-style-type: none"> Completed - effective June 18, 2012. 		6/18/2012		
Objective 2.9 - Review statutes and regulations regarding Geologist in Training certification.		✓		
<ul style="list-style-type: none"> Qualification requirements added to statute during 2011 legislative session 				
Objective 2.10 - Review statutes and regulations to provide consistency among all of the Board's regulated professions.		1/1/2012		
<ul style="list-style-type: none"> Review statutes and regulations for consistency across both programs 			✓	

BPESLG Action Plan FY 2012-13		Completed	In Progress	Remaining
Goal 3				
Objective 3.1 - Participate in development, grading, and standard-setting of national examinations.				
<ul style="list-style-type: none"> Contract with professional community volunteer as Subject Matter Experts (pending travel freeze exemptions) Increase outreach to colleges and professional societies Add information to Web site's "Exams" tab including links to NCEES and ASBOG Get report from NCEES on California licensees overall involvement in exam development and track for future reporting 		✓	✓	✓
Objective 3.2 - Convert all State-specific examinations to computer based testing and provide flexible testing dates.		✓		
<ul style="list-style-type: none"> Geotechnical Engineer California Specific Examinations for Professional Geologist & Professional Land Surveyor Traffic Engineer/Civil Engineer/ Certified Engineering Geologist/ Certified Hydrogeologist / Geophysicist Phased implementation for flexible testing dates - Civil 		10/1/2011 3/1/12, 4/1/12 9/1/12, 10/1/12 10/1/2012		✓
Objective 3.3 - Review applications and respond to applicants in a timely manner.				✓
<ul style="list-style-type: none"> Contact DCA Strategic Planning & Development Unit to engage in process improvement sessions Streamlining of cashing and EMS approvals pending BreZe 				✓
Objective 3.4 - Maintain and expand the pool of licensees to help develop State-specific examinations.			✓	
<ul style="list-style-type: none"> Recruit for development of exams through outreach and direct contact professional associations 			✓	
Objective 3.5 - Protect the validity of the content and security of examinations.				
<ul style="list-style-type: none"> Consistently monitor exam validity of each test and begin administering through CBT Engage NCEES in the administration of national exams for PELS Continue auditing exam information for security, and monitor how it is presented to the CBT vendor Provide occupational analysis as required for each exam 		10/1/2012 10/1/2012 2011-2013	✓	
Objective 3.6 - Accept credit card and PayPal payments for application and examination fees.				✓
<ul style="list-style-type: none"> Credit transactions pending BreZe 			✓	
Objective 3.7 - Participate in ABET visits.		✓		
<ul style="list-style-type: none"> Coordinate Board Member / Staff participation as observers at ABET visits every fall pending travel freeze exemptions. Encourage public board member participation 		10/1/2012 11/1/2012		
Objective 3.8 - Pursue the National Council of Examiners for Engineering and Surveying (NCEES) and the Associate of State Boards of Geology (ASBOG) administration of national examinations.				
<ul style="list-style-type: none"> Begin National Council of Examiners for NCEES administration Researched ASBOG implementation. Determined to be unfeasible at this time 		10/1/2012		✓
Objectives 3.9 - Actively participate and attend NCEES and ASBOG meetings to vote on new policies and procedures relating to examinations.		✓		
<ul style="list-style-type: none"> Pending out-of-state travel exemptions Organize NCEES Western Zone meetings in San Francisco, California 		5/1/2013 4/18/2013		

BPESLG Action Plan FY 2012-13			
Goal 4		Completed	In Progress
Objective 4.1 - Develop incentives and restructure compensation to retain a quality Executive Order.		✓	
• Completed		7/1/2011	
Objective 4.2 - Pursue authorization and funding, if needed, to increase attendance at NCEES meetings and ASBOG meetings.			✓
• Justify approval & funding for out-of-state and in-state travel to required meetings			✓
• Justify representing the interest of the licensees and consumers of California at zero-cost events and pre-paid events to Agency and the Governor's office			✓
Objective 4.3 - Develop and implement career succession plan for Board Staff.			✓
• Establish a protocol/manual for managers/staff to identify recruiting of current staff for upward mobility to disseminate to staff			✓
• Develop a Knowledge Retention Plan which includes overlapping retiring staff with new hires			✓
Objective 4.4 - Pursue funding and hiring freeze exemptions for additional staff in all units and programs as needed.		✓	
Completed FY 11/12.			
• Seek hiring freeze exemptions - currently lifted.		✓	
• Budget Change Proposal for Enforcement Unit staff and Geologist Registrar have been approved at agency level		7/1/2013	
• Budget Change Proposal for the hiring of fingerprint staff		7/1/2012	
Objective 4.5 - Pursue limited-term positions for specific projects.			✓
• Issue dates to be digitally recorded			✓
• Scan enforcement actions and organization record forms			✓
Objective 4.6 - Pursue authority and funding to hire a staff geologist.			✓
• Rewrite class specifications			✓

BPELSG Action Plan FY 2012-13				Completed	In Progress	Remaining
Goal 5						
<i>Objective 5.1 - Expand Enforcement Outreach Program to local and state agencies, professional associations, and consumer groups.</i>					✓	
• See objective 1.2					✓	
<i>Objective 5.2 - Obtain resources, including staff, funding, and out-of-state travel approval, to fully support outreach.</i>					✓	
• See objective 1.2					✓	
<i>Objective 5.3 - Expand the licensure outreach programs to associations, college career fairs, and schools (e.g. Math Counts, Trigstar).</i>						
• Review engineering magnet schools					✓	
• Publicize at college career fairs						✓
<i>Objective 5.4 - Develop and revise the Board's publications, as needed.</i>						
• Develop and release new tri-annual newsletter. (See Objective 5.6)					✓	✓
• Revise the local officials guide to include all disciplines						✓
• Update and revise consumer guide to include all disciplines						✓
• Develop paper promotional materials for colleges						✓
<i>Objective 5.5 - Regularly attend NCEES, ASBOG, and ABET meetings.</i>					✓	
• See objective 3.9					✓	
<i>Objective 5.6 - Regularly develop and distribute an electronic newsletter.</i>					✓	
• See objective 5.4. (Develop and release new tri-annual newsletter)					✓	
<i>Objective 5.7 - Keep abreast of emerging technologies and apply them appropriately.</i>						
• Research feasibility of creating a Board "app" for smartphones, and contact DCA Public Affairs office to discuss social networking opportunities						✓
• Develop license lookup through smartphone "app"						✓
• Develop business lookup through smartphone "app"						✓
• Make website more user friendly and "mobile app" friendly						✓
• Explore Use of Social Media to Improve Communication (i.e. Facebook, Twitter, LinkedIn)					✓	

IV. **ENFORCEMENT**

- A. Enforcement Statistical Reports
- B. Posting of Enforcement Actions on the Board's Website

V. **EXAMS/LICENSING**

- A. Spring 2013 Examinations Update (Possible Action)
- B. EIT/LSIT Certification Update (Possible Action)
- C. EIT/LSIT Certificate Process Discussion (Possible Action)
- D. Licensing Statistics


BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

2535 Capitol Oaks Drive, Suite 300, Sacramento, California, 95833-2944

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Facsimile: (916) 263-2246

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March 2013 Examination Summary

Professional Geologist Examination	Examinations Taken	Pass	Fail	Total Pass %
Geologist-In-Training Candidates*	26	17	9	65%
ASBOG® Fundamentals of Geology*	39	23	16	59%
ASBOG® Practice of Geology	58	43	15	74%
California Specific Examination	94	56	38	60%
*ASBOG Fundamentals of Geology Including Geologist-In-Training	65	40	25	62%

COMPARISON OF CALIFORNIA PASS RATES FOR ASBOG EXAMINATIONS VERSES NATIONWIDE PASS RATES

EXAMINATION	CALIFORNIA EXAMINEES	% PASSED	CYCLE	NATIONWIDE % PASSED EXAMINEES	% OF NATIONWIDE TEST TAKERS FROM CA	CA PASS % VS NATIONWIDE PASS %
FUNDAMENTALS	65	62	03/2013	496	13%	CA 0.5% LOWER
PRACTICE	58	74	03/2013	283	26%	CA 0.9% LOWER
FUNDAMENTALS	99	57.6%	10/2012	500	20%	CA 5% LOWER
PRACTICE	63	65%	10/2012	313	20%	CA 8% LOWER
FUNDAMENTALS	88	68%	03/2012	479	18%	CA 11% HIGHER
PRACTICE	57	81%	03/2012	311	15%	CA 8% HIGHER
FUNDAMENTALS	107	57%	09/2011	478	22%	CA 3% LOWER
PRACTICE	90	79%	09/2011	352	26%	CA 5% HIGHER

First ASBOG examinations administered in October of 1992

Now utilized by 29 states and Puerto Rico

California first administered ASBOG examinations March of 2000

April 2013 PE and LS Examination Statistics					
		Results			
		Pass	Fail	Total	Pass Rate
Land Surveying Exam					
Principles & Practices (National)		50	44	94	53%
Surveying (State-Specific)		71	238	309	23%
Civil Engineering Exams					
Principles & Practices		688	733	1,421	48%
Seismic Principles		687	786	1,473	47%
Engineering Surveying		683	821	1,504	45%
Other Engineering Discipline Exams					
		0			
Chemical		11	20	31	35%
Electrical		126	165	291	43%
Industrial		1	3	4	25%
Mechanical		155	122	277	56%
Structural					
Lateral Forces (Not Yet Available)			0		N/A
Vertical Forces (Not Yet Available)			0		N/A

April 2013 Fundamentals Exams				
Engineering	2649	1,708	4,357	61%
Surveying	54	90	144	38%
Total Exams Administered April 2013			9,905	

OCTOBER 2012 FUNDAMENTALS OF ENGINEERING EXAM

- 5,261 applicants were approved to take the exam.
- 879 no shows (~17% of total applicants approved)
- 4,361 applicants took the exam.
 - 2220 (~51%) applicants passed the FE exam
 - 1886 or ~85% of passing applicants applied for their EIT (as of 5/30/2013)

OCTOBER 2012 FUNDAMENTALS OF SURVEYING EXAM

- 163 applicants were approved to take the exam
- 30 no shows (~18% of total applicants approved)
- 131 applicants took the exam
 - 71 (~54%) of applicants passed
 - 61 or ~86% of passing applicants applied for their LSIT (as of 5/30/2013)

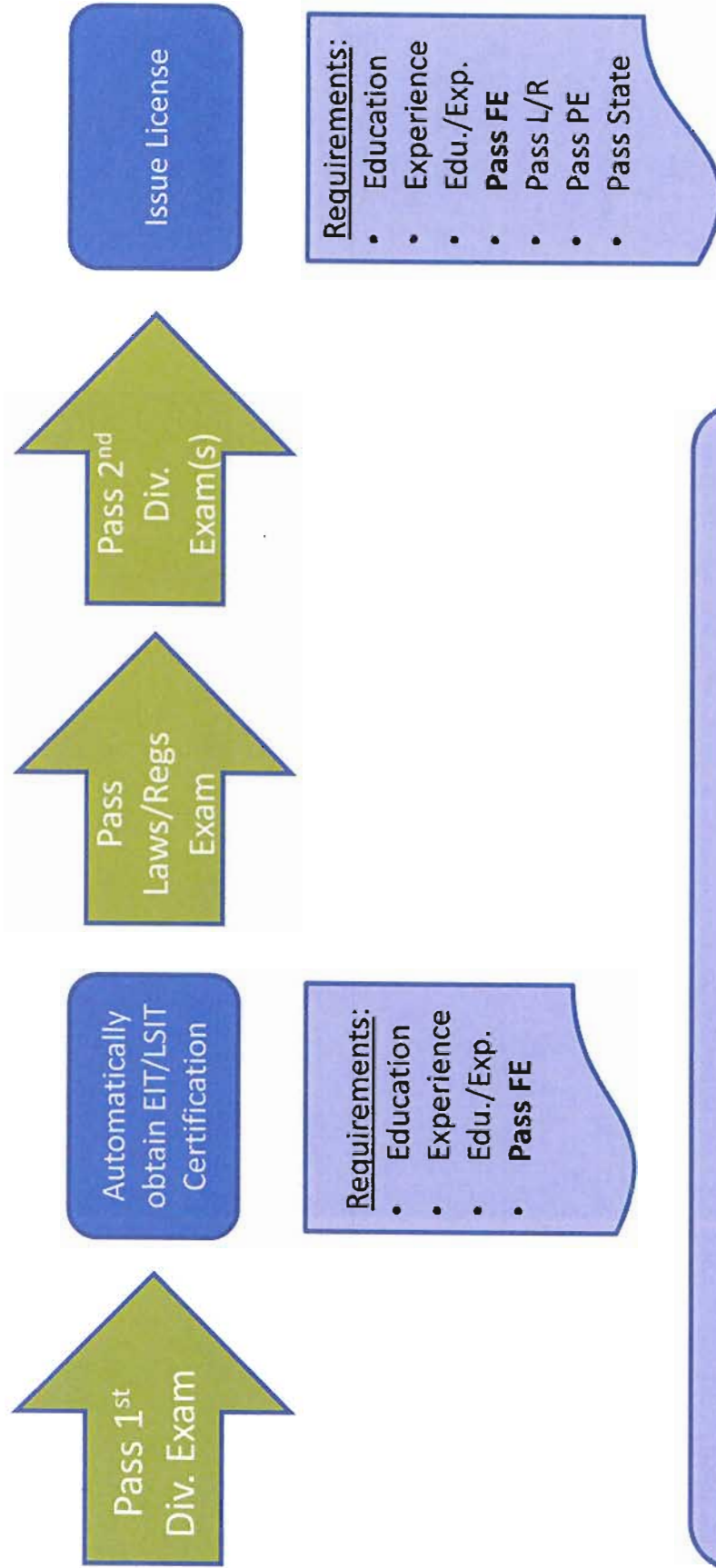
EIT / LSIT Certification Process

Issue:

- Certification before licensure is inconsistently referenced in law / regulation
- Some code sections:
- Assume automatic certification indirectly by process (6755 and 6756)
 - States the licensure examination (singular) includes the first division exam (FE/FS) and second division exam (PE / PS) but recognizes a distinct and separate passage of each division (6755)
 - Passage of first division exam verified for Comity applicants – not certification (staff process)
 - Waiver of first division exam recognizes previous certification in another jurisdiction as required criteria
-
- New examination process (began October 2012) does not require application for certification until after passage of first division exam (FE/FS)

Question: Is EIT / LSIT Certification required to qualify for licensure?

Board's Traditional PE / PLS Licensure Path



Exemptions for Waiving FE Exam:

- Comity – PE in another state; California only verifies passage of FE / PE
- **Holds EIT or EI certification in another state**; California verifies certification
- Various combinations of education **requiring a degree** and experience
- Similar requirements for waiving FS exam towards PLS license

Current Laws / Regulations

- BR 404(s) **“Engineer-in-training”** refers to a person who has been **granted a certificate** as an “engineering-in-training” in accordance with Section 6756 of the code.
- 6756 (a) An applicant for certification as an engineer-in-training shall, upon making a **passing grade in that division of the examination prescribed in Section 6755**, relating to fundamental engineering subjects, **be issued a certificate as an engineer-in-training.**
- 6755 (a) **First division of the examination** shall test the applicant’s knowledge of **fundamental** engineering subject...the **second division of the examination** shall test the applicant’s ability to apply his or her knowledge and experience and to assume responsible charge...
- (b) **The applicant for the second division of the examination shall have successfully passed the first division examination** or shall be exempt therefrom.
- BR 438 (a) An applicant for **licensure as a professional engineer** whose qualifications **meet all requirements** of the code and rules of the Board will be allowed to appear for **only the second division** of the written examination prescribed by Section 6755 of the Code if he or she meets one or more of the following requirements:
- (1) **Holds valid licensure** as a professional engineer in another branch in California
 - (2) **Holds valid certification** as an engineer-in-training in another state...
 - (3)-(7) various combinations of education and experience – requires a degree

Current NCEES Model Law

130.10 General Requirements for Licensure

Education, experience, and examinations (as described in *Model Rules*) are required for licensure as a professional engineer or professional surveyor.

A. As an Engineer Intern—The following shall be considered as minimum evidence that the applicant is **qualified for certification as an engineer intern**. A college senior or graduate of an...(approved)...engineering program...shall be admitted to the NCEES Fundamentals of Engineering (FE) examination. Upon passing such examination and providing proof of graduation, the **applicant shall be certified or enrolled as an engineer intern**, if otherwise qualified.

B. As a Surveyor Intern—The following shall be considered as minimum evidence that the applicant is **qualified for certification as a surveyor intern**. (Similar education / experience requirements) Upon passing such examination and providing proof of graduation, the **applicant shall be certified or enrolled as a surveyor intern**, if otherwise qualified.

Note: some states use term “intern” rather than “in-training”

Current NCEES Model Law (Cont.)

130.10 General Requirements for Licensure (Cont.)

Licensure by Examination (Effective until January 1, 2020)—The following individuals shall be admitted to the NCEES Principles and Practice of Engineering (PE) examination and, upon passing such examination and providing proof of graduation, shall be **licensed as a professional engineer**, if otherwise qualified:

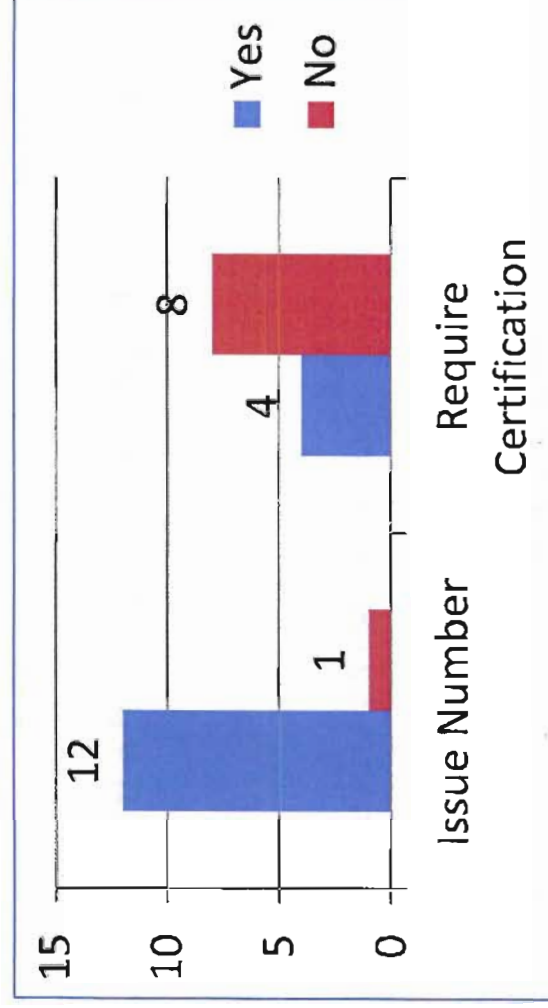
- (1) An **engineer intern** with a bachelor's degree in engineering...
- (2) An **engineer intern** with a master's degree in engineering and work experience...
- (3) An **engineer intern** with an earned doctoral degree and 2 years experience...
- (4) An **individual** with an earned doctoral degree and 4 years experience...

Licensure by Examination—A **surveyor intern** with...required education and/or experience...

California Licenses Issued January 2005 - Present

- **Two-thirds** automatically **obtained EIT/LSIT certification** through the **California traditional** licensure process
- Remaining one-third **only verified as passing FE exam** in other jurisdiction
 - **Unknown** how many actually achieved certification

Inquiry to other NCEES Member Boards - does your Board:



Note: Ohio is revising laws to require certification

Staff Recommendation

Question: Is EIT / LSIT Certification required to qualify for licensure?

For the purposes of implementing a consistent and comprehensive review procedure that is both compliant with the language of the law and appropriate in regards to fulfilling the Board's mission to protect the public, staff is requesting that the Board:

Recommended Motion:

Adopt a position requiring one of the following for all PE / PLS candidates:

1. EIT / LSIT Certification
2. Only successful passage of the FE / FS examination

And direct staff to evaluate current laws with legal counsel and if necessary pursue legislative / regulatory revisions to formalize the Board's position.

**BOARD FOR PROFESSIONAL ENGINEERS,
LAND SURVEYORS, AND GEOLOGISTS**
2535 CAPITOL OAKS DRIVE, SUITE 300, SACRAMENTO, CA 95833-2944
(916) 263-2222 Toll Free: (866) 780-5370 www.bpelsg.ca.gov
RENEWAL NOTICE FOR PROFESSIONAL LICENSE



RPRAG
03/07/13

PART
1

FILL IN THE FOLLOWING INFORMATION & RETAIN TOP PORTION FOR YOUR RECORDS. COMPLETE AND RETURN BOTTOM PORTION IN ENCLOSED ENVELOPE.

***** I M P O R T A N T *****

DO NOT SEND CASH. SEND A CHECK OR MONEY ORDER MADE PAYABLE TO:
DEPARTMENT OF CONSUMER AFFAIRS

-OR- YOU CAN NOW PAY BY CREDIT CARD AT THE FOLLOWING LINK:
WWW.DCA.CA.GOV/WEBAPPS/BPELSG/RENEWAL.PHP

TYPE CERTIFICATE NO CERTIFICATE EXPIRES RENEWAL FEE PAID DATE RENEWAL MAILED YOUR CHECK NUMBER

_____ \$ _____ / ____ / ____

INSTRUCTIONS FOR RENEWAL PLEASE READ CAREFULLY

A license that is not renewed shall be deemed delinquent and subject to delinquent penalty fees and may require the surrender of the license.

Your license expires on the date printed above. RENEW EARLY TO AVOID PENALTY. A delinquent penalty fee is added for renewals postmarked after the 60-day grace period. The total delinquent renewal fee shown below should be mailed if this application is postmarked after the grace period.

AVOID LOSS OF YOUR LICENSE AS A PROFESSIONAL ENGINEER. LICENSES WHICH ARE NOT RENEWED WITHIN THREE YEARS AFTER EXPIRATION MAY NOT BE RENEWED, RESTORED, REINSTATED, OR REISSUED EXCEPT AS PROVIDED IN BUSINESS AND PROFESSIONS CODE, SECTIONS 6795 - 6796.5 (P.E.) AND 8803 (P.L.S.).

NAME CHANGE - If your name has been changed, print your new name on Part 3, Section E below. In addition, the Board requests that you submit verification of your name change (e.g., copy of marriage license, driver's license, court papers, etc.) with this renewal notice. After your name change request has been reviewed and processed, your renewal license will be issued in your new name.

ADDRESS CHANGE - Pursuant to Title 16, California Code of Regulations, Section 412 -- Each person holding a license issued by the Board under provisions the Professional Engineers Act or Professional Land Surveyor's Act shall file his/her address with the Board office. Within thirty (30) days after changing addresses, he/she shall notify the Board of such change. Print your new address on Part 3, Section E below.

RETIREMENT - If you wish to retire your license, and are eligible to do so. DO NOT SEND APPLICATION FEES WITH THIS NOTICE. Please contact the Board and request an application for the RETIRED STATUS of licensure. Information and the application form is also available on the Board website at www.bpelsg.ca.gov.

First Time Licensure - If you are newly licensed, your examination fee includes your licensure through the first renewal quarter after the date the Board approved the examination results. You must remit the full renewal fee on or before the date indicated on the front of this form. Once renewed, your license will be valid for an additional two (2) years. Your renewal month and day will always remain the same until you choose to retire your license.

CONVICTION-

If you have been convicted of a felony within the past two years you have an obligation to report this to the Board.

DETACH HERE & RETAIN PART 1 FOR YOUR RECORDS. ALLOW 6-8 WEEKS FOR PROCESSING YOUR RENEWAL.
RETURN THIS FORM WITH ADDRESS IN PART 2 VISIBLE IN THE RETURN ENVELOPE WINDOW. BE SURE TO INCLUDE YOUR CHECK.

PART
2

STATE OF CALIFORNIA
DEPARTMENT OF CONSUMER AFFAIRS
P O BOX 942535
SACRAMENTO CA 94258-0535

Monthly Credit Card Renewal Rate

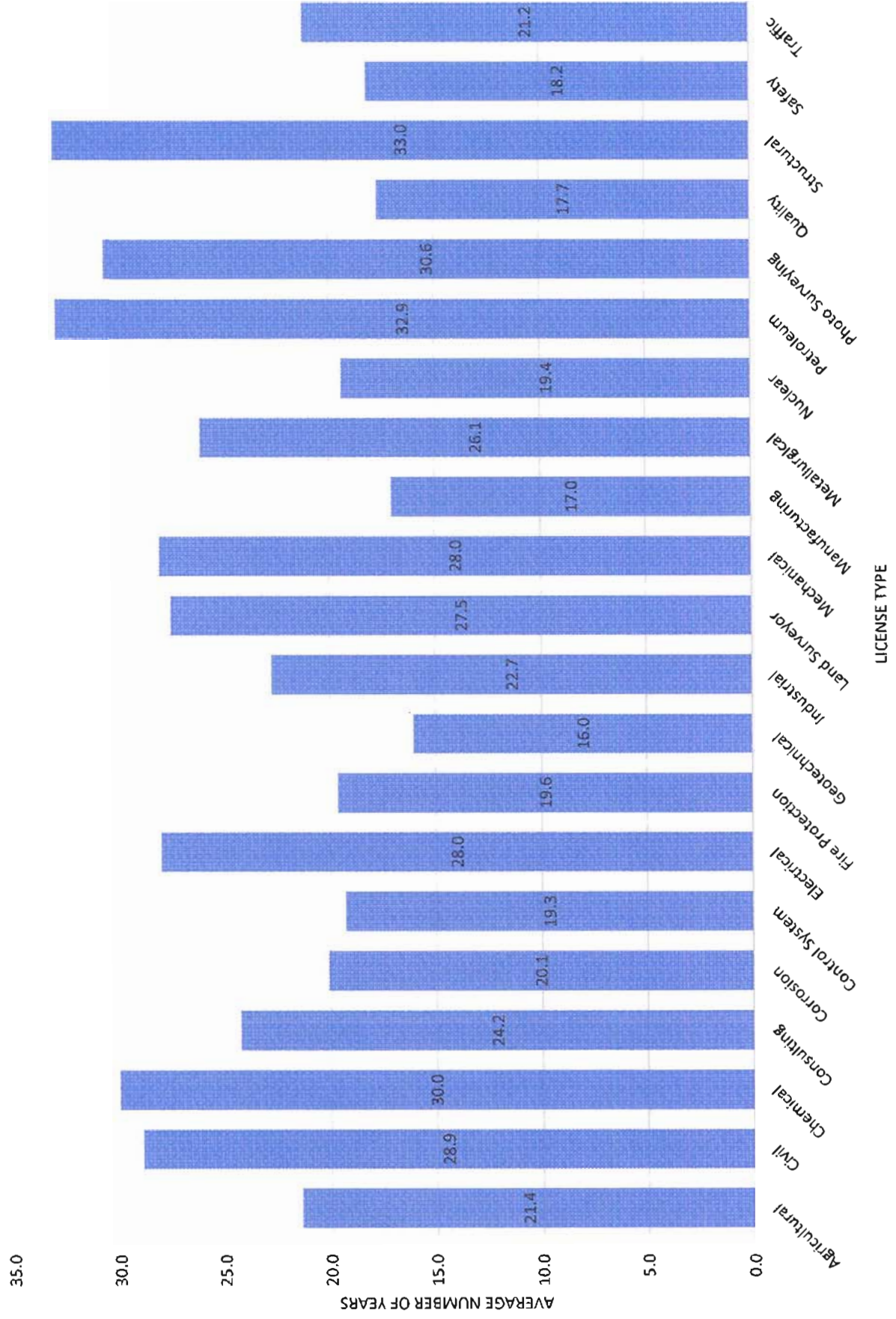


COMITY License Issued January 1, 2013 through May 31, 2013

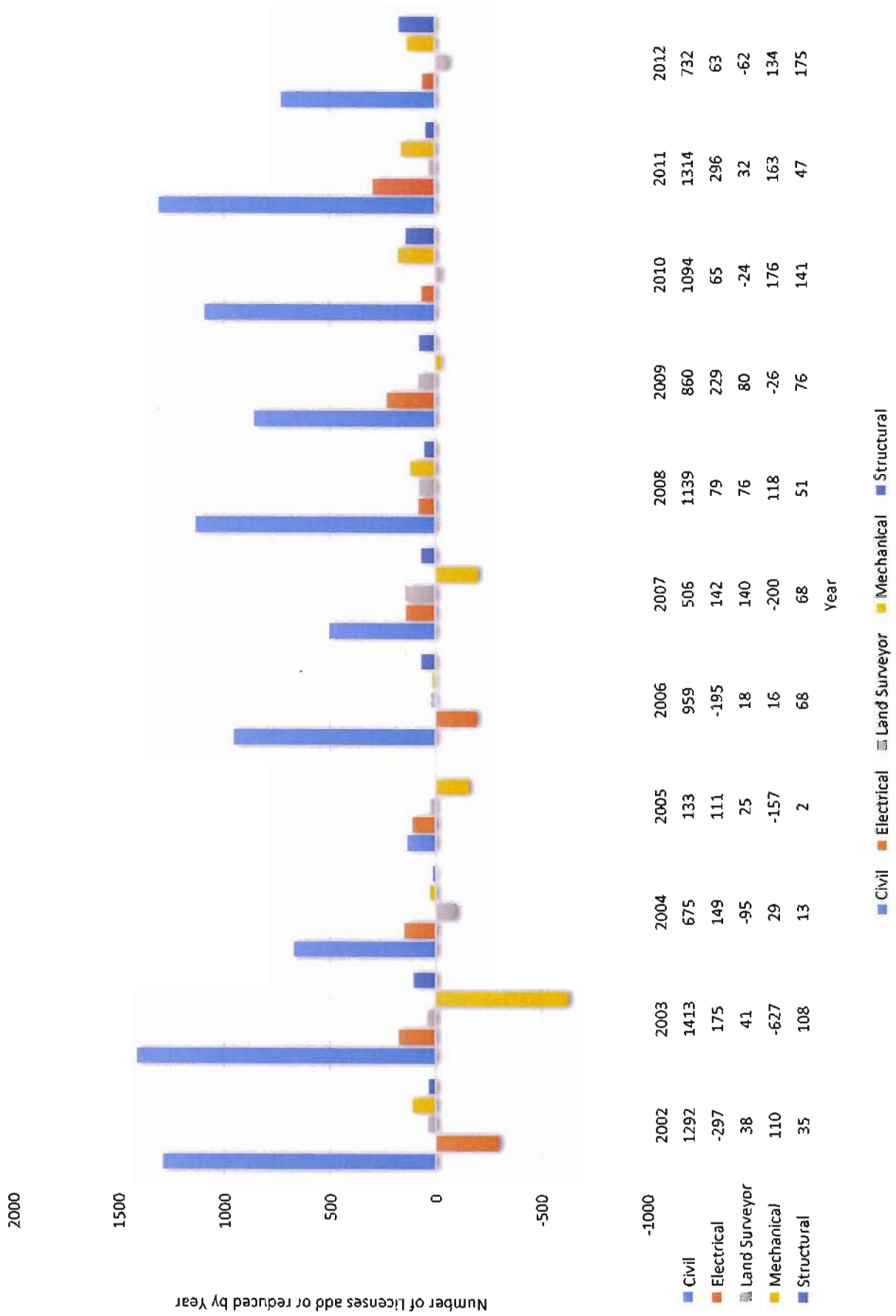
From January 1, 2013 through May 31, 2013, a total of 148 licenses were issued.

License Type	Number Licensed
Chemical	6
Control Systems	2
Electrical	75
Fire Protection	3
Mechanical	50
Nuclear	2
Structural	10
Total Licensed	148

AVERAGE LENGTH OF LICENSE



Attrition Rate By Year



VI. **APPROVAL OF DELINQUENT REINSTATEMENTS**

APPROVAL OF DELINQUENT REINSTATEMENTS

Motion: Approve the following 3 and 5-year delinquent reinstatement applications.

MECHANICAL

KENNETH CARROLL

Reinstate applicant's mechanical license once he/she takes and passes the Board's Laws and Regulations Examination, and pays all delinquent and renewal fees.

VII. RECONSIDERATION OF DECISION REGARDING DELINQUENT REINSTATEMENT
APPLICATION OF DENNIS REID

Reconsideration of Decision Regarding Delinquent Reinstatement Application of Dennis Reid

At its January 31, 2013, meeting, the Board granted reinstatement of the delinquent Mechanical Engineer License, No. M 19459, issued to Dennis Reid condition upon him taking and passing the NCEES Mechanical Engineering Principles and Practices examination and paying all renewal and delinquent fees totaling \$1,772.50.

Subsequently, a letter, dated March 27, 2013, and supporting documentation was received from Adam G. Slote, Mr. Reid's attorney. In the letter, Mr. Slote requests that the Board reconsider its decision to require Mr. Reid to take and pass the examination because the information in the application and the supporting documentation shows that Mr. Reid is "qualified to practice" mechanical engineering, as required by Business and Professions Code section 6796.3.

This matter was discussed with Gary Duke, the Board's Legal Counsel. He advised that the Board could choose to set aside its previous decision and issue a new decision that would grant reinstatement of Mr. Reid's delinquent license without requiring him to take the examination, or the Board could choose to leave its original decision in place if it believes that Mr. Reid has not shown that he is "qualified to practice" mechanical engineering as required by Section 6796.3.

Included in the agenda packet for the Board's review are the following documents:

1. Letter, dated March 27, 2013, from Adam G. Slote on behalf of his client Dennis Reid
NOTE: With his letter, Mr. Slote included a binder of 32 exhibits, which he references in the letter. All of this information will be available for review at the Board meeting.
2. Application for reinstatement of delinquent license of Dennis Reid
3. License Reinstatement Write-up as prepared by Board Staff Electrical Engineer Mike Donelson
4. Decision to Reinstate Expired License
5. Business and Professions Code section 6796.3

SLOTE & LINKS

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March 27, 2013

Mr. Paul Wilburn
President
Board for Prof. Engineers, Land Surveyors, and Geologists
2535 Capitol Oaks Drive, Suite 300
Sacramento, CA 95833-2944

RE: Dennis Reid, M 19459
Board of Professional Engineers, Land Surveyors, and Geologists
Application Appeal [16 CCR 429]

Dear Mr. Wilburn:

We represent Dennis Reid in matters related to his application for reinstatement of his expired license as a Mechanical Engineer. On behalf of Mr. Reid, we hereby appeal the Board's Decision to Reinstate Expired License dated January 31, 2013 pursuant to 16 CCR 429 and hereby provide supplemental information such that the board may be better informed of the applicant's qualifications.

In 1979, Mr. Reid passed the Mechanical Engineering Professional Examination and met all qualifications for licensure. He remained licensed and in good standing from March 14, 1979 through September 20, 1991 and retained the right to renew his license prior to October 1, 1994. The issue, as a matter of common sense, is whether Mr. Reid kept up the practice of mechanical engineering after October 1, 1994 so that he remains "qualified." The supplemental information provided with this appeal will establish that Mr. Reid is an extremely active and highly regarded mechanical engineer.

Mr. Reid has 40 years of continuous mechanical engineering experience. He graduated from the University of California at Berkeley with his BSME in 1972 and his MSME in 1982. He is the founder and president of Reid Racing, Inc. of Pleasant Hill. Reid Racing designs and sells transmission housings for dragsters and components for off-road vehicles, e.g., monster trucks. Reid Racing has developed a reputation for providing the best engineered and most durable components for these demanding applications. Mr. Reid has personally designed most of the company's products and holds 12 patents.

SLOTE & LINKS

Attorneys at Law

Mr. Paul Wilburn

March 27, 2013

Page 2

Mr. Reid's first two transmission patents (5,622,088 and 5,694,817) were issued in 1997. He obtained another transmission patent in 1999 (5,855,148) and a patent for an off-road vehicle component in 2011 (7,976,036). Reid Racing is famous in the world of auto sports for its nearly indestructible drag racing and monster truck products.

In 1979, prior to Reid Racing, Mr. Reid founded Dedenbear, which designs and sells drag racing products. Autometer acquired Dedenbear in 2007. Mr. Reid designed Dedenbear's famous drag racer throttle stops, which are mechanical devices with electronic controls and displays.

As the sole inventor and engineer for Dedenbear (until it was acquired) and Reid Racing product lines, Mr. Reid engaged in the following engineering activities as sole engineer for each of the products discussed in the next section:

- 1) Design concepts (e.g., weight, cost, strength, materials, features, manufacturing techniques, improvements to strength and endurance, improvements in rigidity to minimize flexing and power loss and friction loss);
- 2) Layout drawings;
- 3) Detailed design work for 3D modeling;
- 4) Design iteration;
- 5) Revision of machining drawings;
- 6) Working with foundry, pattern maker and machine shop for mold design, casting, tooling, machining and fixturing during manufacturing;
- 7) Design modification for compatibility with manufacturing equipment and processes;
- 8) Coordination of prototype manufacture and design changes;
- 9) Assembly and evaluation of design;
- 10) Supervision of dynamometer testing;
- 11) Supervision of on racetrack testing;
- 12) Disassembly and evaluation; and,
- 13) Reevaluation and design improvements.

SLOTE & LINKS

Attorneys at Law

Mr. Paul Wilburn

March 27, 2013

Page 3

Mr. Reid designed the following products, which are organized by company and year:

DEDENBEAR PRODUCTS, Inc.

1991-1993

Developed an **Air Shifter Unit** that automatically shifted a race car transmission using compressed CO₂ gas as the car drove down the race track. The Air Shifter Unit required design of a sheet metal structure, machined parts, pneumatic cylinders, and solenoid valves, which involved force, pressure, stress and temperature calculations. (See Ex. 1, Three-Speed Shifter, part number (hereinafter "P/N") AS-1.)

Redesigned an electronic control box that causes an automated shifter unit to shift a race car transmission based on a pre-set driver programmed RPM (revolutions per minute). The RPM-based controller involved circuit design, circuit board layout, sheet metal design, mechanical packaging design, vibration analysis, and coating requirement investigation. (See Ex. 1, RPM-2 Switch, P/N RPM2.)

1993-1995

Developed a **Delay Box** using microprocessor technology (U.S. Patent 5,652,468). The Delay Box involved circuit design, circuit board layout, sheet metal design, mechanical packaging design, vibration analysis, coating requirement investigation, software development, and extensive electronic noise filtering diagnostics design and testing using electronic filtering and mechanical packaging techniques to allow sensitive microprocessor circuitry to function. (See Ex. 2, P/N SCO1.)

Developed two new **Air Activated Shifter Units**, which required the same efforts as the unit developed in 1991-1993. (See Ex. 3, P/Ns AS2 & AS3.)

Developed a replacement transmission case for a General Motors PowerGlide transmission. (U.S. Patents 5,622,088 & 5,694,817 & 5,855,148) The **PowerGlide** transmission case required stress analysis, load calculations, castings design, machining techniques, heat treating design, failure analysis of failed GM cases, fluid flow and dynamics, and vibration analysis. This transmission case has become the standard transmission used in racing for 15 years and has more than 20,000 units in service. It is also the transmission installed in Chrysler Mopar factory limited production cars. (See Ex. 4, Chrysler Challenger 2011 spec sheet and P/N PG1000 and Ex. 5, *Super Stock & Drag Illustrated*, March 1995 and *GM High-Tech Performance Magazine*, August 2011.)

1997

Developed an advanced **Delay Box** using microprocessor technology. The Delay Box involved circuit design, circuit board layout, sheet metal design, mechanical packaging design, vibration

SLOTE & LINKS

Attorneys at Law

Mr. Paul Wilburn

March 27, 2013

Page 4

analysis, coating requirement investigation, software development, and extensive electronic noise filtering diagnostics design and testing using electronic filtering and mechanical packaging techniques to allow sensitive microprocessor circuitry to function. (See Ex. 6, P/N SCC1.)

Developed an **RPM Switch** electronic controller that activated the automated shifters based upon a pre-set driver programmed time. The time based controller involved circuit design, circuit board layout, sheet metal design, mechanical packaging design, vibration analysis, coating requirement investigation. (See Ex. 7, P/N ST1.)

Developed a new **Air Activated Shifter**. The Air Activated Shifter required design of sheet metal structure, machined parts, pneumatic cylinders, and solenoid valves, which involved force, pressure, stress and temperature calculations. (See Ex. 8, P/N AS4.)

Developed a **Two-Stage Pneumatic Control** for carburetor throttle stops, which required pneumatic design, machined parts, solenoid valves, material and plating selection along with force, pressure, stress, and flow calculations. (See Ex. 9, P/N TS2/5R.)

Developed a new larger **Throttle Stop** based upon a previous throttle stop design, which required air flow testing, hydraulics, thermodynamics, casting, machining, welding and bearing design. (See Ex. 10, P/N TS5.)

Developed a stronger **Tailhousing** with a roller bearing arrangement to replace the General Motors PowerGlide bushing style tailhousing, which required stress analysis, load calculations, casting, machining, bearing design and gasket sealing methods and material selection. (See Ex. 11, P/N PGH1.)

1997-1999

Developed a new design **Delay Box** using microprocessor technology with advanced features including both multiple time and RPM based outputs, which involved circuit design, circuit board layout, sheet metal design, mechanical packaging design, vibration analysis, coating requirement investigation, software development, and extensive electronic noise filtering diagnostics design and testing using electronic filtering and mechanical packaging techniques to allow sensitive microprocessor circuitry to function. (See Ex. 12, P/N CC1.)

Developed a new driver practice device called the **Practice Christmas Tree** that included the capability of replicating race car sounds for realism. (U.S. Patents 5,804,885 & 5,892,294) The Practice Tree required circuit board design, sheet metal design, mechanical packaging design like other electronic units. In addition extensive sound testing and recording techniques were developed to record race cars during actual running down the racetrack and extensive acoustical design was required. Note: this product was prototyped and tested but was not put into production.

SLOTE & LINKS

Attorneys at Law

Mr. Paul Wilburn

March 27, 2013

Page 5

Developed the **Powerglide Front Pump** transmission oil pump with higher volume and pressure capabilities to replace the General Motors PowerGlide transmission oil pump. This involved flow and pressure calculations along with extensive testing of existing and modified oil pumps. It required cast iron casting design, pump design, gear design, flow testing, press fits, spline shaft, bearing, bushing, and seal design. (See Ex. 13, P/N PGP1.)

1999-2001

Developed the **Remote Display** LED display module for mounting on a race car. (US Patent **6,411,205B1**.) Involved extensive design and testing of high intensity LED (light emitting diodes), power dissipation, heat transfer, mechanical packaging, vibration analysis and plastic lens design. (See Ex. 14, P/N RD1.)

Developed the **2-Speed Solenoid Shifter**, an electro mechanical shifter unit that automatically shifted the transmission. This unit used an electric solenoid and spring power to activate a shift. The unit required design of sheet metal structure, machined parts, electric power solenoids, and spring design, which involved force, magnetism, spring rates, stress and thermal conductivity calculations. (See Ex. 15, P/N SS3.)

Developed the **Disc Stop**, a revolutionary new rotary disc throttle stop that used rotating discs instead of carburetor style butterflies (U.S. Patent **6,189,505B1**). This design required air flow testing, hydraulics, thermodynamics, casting, machining, pneumatics, and kinematics for complex linkages. (See Ex. 16, P/N TS6.)

2001-2003

Developed **Nitrous Oxide Controller**, a nitrous oxide control unit, which involved circuit design, circuit board layout, sheet metal design, mechanical packaging design, vibration analysis, coating requirement investigation, software development, and extensive electronic noise filtering diagnostics design and testing using electronic filtering and mechanical packaging techniques to allow sensitive microprocessor circuitry to function along with high power electrical circuit design for high current applications. (Ex. 17, P/N NOC1.)

Developed **Multiple Relay Center**, a relay center, which involved circuit design, circuit board layout, sheet metal design, mechanical packaging design, vibration analysis, coating requirement investigation, along with high power electrical circuit design for high current applications. (Ex. 17, P/N MRC1.)

Developed **Linkage Stops / Starting-Line Controllers**, five new air activated throttle stop units, which attached directly to the carburetor. Each had different operating characteristics and force levels. Required design of machined parts, pneumatic cylinders, solenoid valves, which involved

SLOTE & LINKS

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Mr. Paul Wilburn

March 27, 2013

Page 6

force, pressure, stress and temperature calculations. (See Ex. 18. P/Ns TS15, TS20, TS25, TS30, & TS35.)

Developed **PowerGlide Oil Pans**, a deep drawn aluminum transmission oil pan, which required design for deep drawing techniques, heat treating, stamping, welding, and machining. (See Ex. 19, P/N PGPAN.)

2003-2005

Developed **Lightning** and **Lightning Plus**, two new Delay Boxes enclosed in billet aluminum housings using microprocessor technology with advanced features including multiple time based outputs along with the ability to automatically transmit data to a remote display. (U.S. Patent **6,411,205B1**.) This design involved circuit design, circuit board layout, billet aluminum enclosure design, mechanical packaging design, vibration analysis, coating requirement investigation, software development, and extensive electronic noise filtering diagnostics design and testing using electronic filtering and mechanical packaging techniques to allow sensitive microprocessor circuitry to function. (See Ex. 20, P/Ns L1 & L2.)

Developed a **PowerGlide Parts**, a small parts kit consisting of 48 individual parts for the General Motors PowerGlide transmission. These are all the small parts required to assemble a transmission. Each part was individually designed and involved every discipline of manufacturing including stamping, heat treating, plating, welding, casting, machining, and grinding along with spring and snap ring design. (See Ex. 21, P/N PGKIT.)

Developed **Dana 60 Kingpin Knuckles**, heavy duty steering knuckles for 4x4 off road vehicles, which required extensive stress and load analysis required for using ductile iron casting, heat treating, machining, coating studies, and press fits. (See Ex. 22, P/N D60001 and D60005.)

2005-2007

Developed **Thunder** Delay Boxes enclosed in billet aluminum housings using microprocessor technology with simplified features and the ability to transmit data to a remote display, which involved circuit design, circuit board layout, billet aluminum enclosure design, mechanical packaging design, vibration analysis, coating requirement investigation, software development, and extensive electronic noise filtering diagnostics design and testing using electronic filtering and mechanical packaging techniques to allow sensitive microprocessor circuitry to function. (See Ex. 23, P/N T1)

Developed **STS7**, a revolutionary throttle stop using stepper motors for actuation instead of electric solenoids or pneumatic circuits. (U.S. Patent **7,487,758**.) Design required air flow testing, rate/load testing, stepper motor circuit design, casting, machining, pneumatics, and kinematics for complex linkages. (See Ex. 24, P/N STS7.)

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March 27, 2013

Page 7

REID RACING, Inc.

2006-2007

Developed **2 Piece PowerGlide Transmission Case**, a 2-piece PowerGlide transmission case, which required stress analysis, load calculations, castings design, machining techniques, heat treating design, failure analysis of failed GM cases, fluid flow and dynamics, and vibration analysis. **Note:** This transmission case is installed in Ford's factory-produced extreme performance cars. (See Ex. 25, P/N PG2000, and *Race Pages* showing manufacture of Ford's 2010 Cobra Jet with Reid Racing's transmission case.)

Developed **Bellhousing**, five adapter bellhousings to be used with the PG2000 transmission. These bellhousings allow a racer to use a non Chevrolet engine with the transmission case and required stress analysis, load calculations, castings design, machining techniques, heat treating design, and failure analysis of failed GM cases. (See Ex. 26, P/N BH001, BH010, BH020, BH030, BH040.)

Developed **Flexplates**, four flexplates to adapt various engines to the PG2000 transmission. (US patent pending application *11/447,625*.) These required stress analysis, load calculations, machining techniques, heat treating design, and rotational explosion analysis. (Ex. 26, P/N FP001, FP010, FP020 & FP040.)

Developed heavy duty **Steering Knuckles** for 4x4 off road vehicles, which involved extensive stress and load analysis required for using ductile iron casting, heat treating, machining, coating studies, and press fits. (See Ex. 27, P/N D44001 and D44003.)

2007-2009

Developed **Bellhousing**, two adapter bellhousings to be used with the PG2000 transmission. These are bellhousings that allow a racer to use a non Chevrolet engine with the transmission case. This design required stress analysis, load calculations, castings design, machining techniques, heat treating design, failure analysis of failed GM cases. (See Ex. 28, P/N BH050 & BH060.)

Developed **Flexplates**, two flexplates to adapt various engines to the PG2000 transmission. (U.S. patent pending application *11/447,625*.) These designs required stress analysis, load calculations, machining techniques, heat treating design, and rotational explosion analysis. (See Ex. 28, P/N FP050 & FP060.)

Developed **Steering Knuckles**, heavy duty conversion steering knuckles for 4x4 off road vehicles that allows off-roaders to bolt on axle components from one model truck to a different model truck. (U.S. Patent *7,976,036*.) This design required extensive stress and load analysis

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Mr. Paul Wilburn

March 27, 2013

Page 8

required for using ductile iron casting, heat treating, machining, coating studies, and press fits. (See Ex. 29, P/N D30001.)

2009-2012

Developed **Steering Knuckles**, heavy duty steering knuckles for 4x4 Jeep vehicles involving extensive stress and load analysis required for using ductile iron casting, heat treating, machining, coating studies, and press fits. (See Ex. 30, P/N JK0001.)

Developed **Super Hydra 400 PowerGlide**, a new transmission case to replace the General Motors Turbo 400 heavy duty transmission. This is an extremely complex transmission case. (U.S. patent pending application *13/739,376*, U.S. patent allowed on application *13/411,723*.) This design required stress analysis, load calculations, castings design, solidification modeling, machining techniques, heat treating design, failure analysis of failed GM cases, fluid flow and dynamics, and vibration analysis. (See Ex. 31, P/N SH400.) This transmission case is so strong that it is used in drag racing, dessert racing (i.e., the Baja 1,000), rock crawling, and in monster trucks.

I believe that the evidence will establish Mr. Reid to be one of the most qualified mechanical engineers in the State of California, and one of the most respected engineers in the automotive sports industry. In fact, Mr. Reid's PowerGlide transmission case is famous for its engineering. (See *Fastest Street Car*, May 2010, Ex. 32.) The PowerGlide has even gained acceptance by "the Big 3"—Ford and Chrysler incorporate Mr. Reid's PowerGlide transmission cases in their factory-produced extreme performance vehicles and GM recognized the PowerGlide in its magazine. (See Exhibits 4 [Chrysler], 5 [GM], and 25 [Ford].)

In light of the new information provided, I request that the Board find Mr. Reid to be "qualified" and reinstate his license as a professional engineer.

Sincerely,



Adam G. Slote

cc: Dennis Reid



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

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APPLICATION FOR LICENSE AS A
PROFESSIONAL ENGINEER

For Office Use Only - Online

Receipt 528927 SEP 11 2012

Received

ID No. 127024

Cert No.

ENGINEERING BRANCH: Mechanical

☐ Application for Comity☐ I will be submitting a Council Record☐ Application for Examination on: _____☒ Application for Reinstatement☐ I will not be submitting a Council RecordFinal Filing Date for Examination: _____
Date

Type your name exactly as you want it to appear on your wall certificate. Please note: The names and addresses of Board licensees are public records and are published in both electronic and print media, as well as disclosed upon request to the Board. You may use a home address, a post office box, or a business address.

1. Last Name Reid		First Dennis	Middle Eugene	2. Social Security No. [REDACTED]	
3. Street Address 107 Rodeo Ct.		City Lafayette	State CA	Zip Code 94549	Country USA
Birthdate: For ID Purposes Only [REDACTED]		5. Phone, with Area Code and Extension [REDACTED]			
4. Month/Day/Year of Birth: [REDACTED]		Home: [REDACTED]		Business: [REDACTED]	
6. If you have passed an engineering-in-training written examination, give the following information:					
State: CA		Certificate No. (if applicable): Unknown		Date of exam: Approx 1973	
				Waiver Requested <input type="checkbox"/>	
7. List branches of engineering in which you hold a valid license as a professional engineer obtained by written examination, or by comity. Indicate total length of the written examination such as 2-hour, 8-hour, or 16-hour.					
STATE	BRANCH	EXAM DATE	CERTIFICATE NO.	EXPIRATION DATE	EXAM DURATION (hours)
CA	Mechanical	1978?	M19459	09/30/91	8 hours
		3-14-79			
		1982			
8. Education. University and Graduate Studies (Certified sealed transcripts only) (Foreign transcripts may not be sealed but must be translated into English.)					
NAME AND LOCATION OF INSTITUTION			ATTENDANCE FROM (mo/yr) TO	COURSE CE, ME, EE, etc.	DATE OF DEGREE
Cal Poly, San Luis Obispo, CA			9/68 6/71	ME	N/A
UC Berkeley, Berkeley, CA			9/71 12/72	ME	1972
UC Berkeley, Berkeley, CA			9/80 6/82	ME	1982
9. HAVE YOU EVER BEEN CONVICTED OF A CRIMINAL OFFENSE, MISDEMEANOR OR ENTERED A PLEA OF NOLO CONTENDERE OTHER THAN FOR A MINOR TRAFFIC OFFENSE? IF YES, EXPLAIN UNDER REMARKS ON REVERSE SIDE. CONVICTIONS DISMISSED UNDER PENAL CODE SECTION 1203.4 MUST BE DISCLOSED. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
10. HAVE YOU EVER HAD LICENSURE DENIED, DISCIPLINED, SUSPENDED, OR REVOKED IN ANY STATE (OTHER THAN FOR LACK OF MINIMUM QUALIFICATION OR FAILURE OF EXAMINATION)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, explain fully on reverse side					
11. HAVE YOU EVER FILED ANOTHER APPLICATION FOR LICENSURE AS A PROFESSIONAL ENGINEER WITH THIS BOARD? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
BRANCH: Mechanical DATE 1978?					

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE INFORMATION ON THIS APPLICATION AS WELL AS ANY OTHER DOCUMENTS SUBMITTED IN SUPPORT OF THIS APPLICATION ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

NOTE: IT IS THE APPLICANT'S RESPONSIBILITY TO SUBMIT A COMPLETE APPLICATION PACKET

Signature of Applicant

Dennis Reid

Optional: e-mail address [REDACTED]

Date 9/12/12 Year

USE TYPEWRITER OR FILL OUT FORM ONLINE, PRINT AND SIGN THIS APPLICATION

RECEIVED SEP 14 2012

12. ENGAGEMENT SUMMARY AND REFERENCES FOR Reid

Dennis Eugene SS# 554 64 8696

List your engagements below in reverse chronological order. Leave no gaps in the record. Your present engagement is No. 1. An engagement is one association, with one employer, in one capacity, at one level of responsibility. A change in engagement is a promotion, a new employer, or a significant change in duties, authority, responsibility, etc. DIFFERENT PROJECTS IN THE SAME CAPACITY FOR ONE EMPLOYER ARE NOT CONSIDERED SEPARATE ENGAGEMENTS.

For each engagement claimed as qualifying experience, list the name of a person who will serve as a reference. These individuals should be licensed as Professional Engineers in the discipline for which you are applying. YOU MUST LIST AT LEAST FOUR PERSONS WILLING TO SERVE AS REFERENCES FOR YOU.

ENGAGEMENT NUMBER	FROM (mo/day/yr) TO (mo/day/yr)	Employer	Name of Reference	Reference's License No/State
	Months of Qual. Experience**	Applicant's Job Title	Professional Relationship	Branch
1	7/06 to Present	Reid Racing, Inc.	[REDACTED]	
	61 MONTHS**	President	Co worker/Associate	ME
			[REDACTED]	
	MONTHS**		Co Worker/Associate	ME
2	6/91-7/06	Dedenbear Products, Inc.	[REDACTED]	
	181 MONTHS**	President	Co Worker/Associate	ME
			[REDACTED]	
	MONTHS**		Co Worker/Associate	ME
	MONTHS**			
	MONTHS**			
	MONTHS**			
	MONTHS**			
	MONTHS**			

13. REMARKS: Use this space for amplifying remarks, and for replies to questions above or on Page 1.

ITEM 7: I moved to a new residence in 1988. I believe that I sent in a change of address notice, but I never received a renewal notice. I didn't think about the renewal until recently, so I am now applying for a reinstatement.

Per Professional Licensing Information FAQ, pg 39 section (2):

Ref [REDACTED] is exempt from license requirement because he is an employee of LLNS (Federally funded private R&D LLC.)

Ref [REDACTED] is exempt from license requirement because he is an employee of a private industrial Corp (Applied Pumping Technologies, Inc.)

Ref [REDACTED] is exempt from license requirement because he was an employee of a the Federal Gov (Dept of Energy)

**NOTE: Qualifying experience does not include student trainee, orientation, technician or non-engineering work, and cannot overlap with credit claimed for education.

Under the laws of the State of California, the State Board of Equalization and the Franchise Tax Board are allowed to share taxpayer information with the Board for Professional Engineers, Land Surveyors, and Geologists; the laws require a licensee to pay his or her state tax obligation and his or her license may be suspended if the state tax obligation is not paid.



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PROFESSIONAL ENGINEER ENGAGEMENT RECORD AND REFERENCE FORM

This form must be submitted for each engagement claimed as qualifying experience. Each engagement being claimed as qualifying experience must be summarized on a separate Engagement Record and Reference Form. "SEE ATTACHED" and resumés are not acceptable in lieu of this form. **Part A of this form must be typed, or it will be returned to applicant.**

The original of this form must be mailed to the Board Office postmarked by the Final Filing Date. Failure to have all documents in the Board Office by the final filing date will result in the Applicant not being set to the current examination.

A copy of the Information Collection, Access, and Disclosure Notice must be provided by the applicant to the reference.

PART A - TO BE COMPLETED BY THE APPLICANT

I, the Applicant, hereby demonstrate qualifying experience as required by the Business and Professions Code and the California Code of Regulations, as detailed below.

Last Name Reid		First Name Dennis		Middle Name Eugene	
Address of Record (Mailing Address): 107 Rodeo Ct.		City Lafayette	State CA	Zip Code 94549	Country USA
Birth Date (MM/DD/YYYY): [REDACTED]		E-Mail Address: [REDACTED]			
Daytime Phone Number (including area code & extension): [REDACTED]		Evening Phone Number (including area code): [REDACTED]		Cell Phone Number (including area code): [REDACTED]	
Engagement Number 1	EMPLOYMENT DATES (MM/DD/YYYY) From: 07/24/2006 To: Present	TOTAL TIME WORKED IN MONTHS (for this engagement) 61		Employer: Reid Racing, Inc. Employer Address: 1917 Oak Park Blvd City/State/Zip: Pleasant Hill, CA 94523 Applicant's Title: President	
		QUALIFYING EXPERIENCE IN MONTHS (**SEE NOTE BELOW) 61		Reference's Name: [REDACTED] Reference's Address: [REDACTED] City/State/Zip: [REDACTED] Reference's Phone (including area code & extension): 925-838-9667	

All of the following items must be completed.

Description of Engineering Tasks & Duties:

Chief Engineer. Set engineering design goals and parameters. Actively participated in each product design

Level of Responsibility:

Overall. All major engineering decisions made by or approved by me

Description of Engineering Decisions Made:

Type of castings to be used, forging process, machining process and fixturing, performance features to be included, testing of finished parts. Please see attached list of US Patents awarded to these designs.

Projects (include project name, location [city/state/country], & type):

Redesign of automotive transmission housings and internal parts for Chevrolet Powerglide and Turbo 400 transmissions. Redesign of steering and power transmission components for automotive off-road front driving axles. Work performed in Pleasant Hill.

** Qualifying experience claimed for this Engagement includes only subordinate level engineering work. It does not overlap with credit claimed for education. It does not include overtime, training, orientation, non-engineering work, or summer work while a student. Qualifying experience may be less than the total number of months worked; it is computed by Total Months Worked less Non-Qualifying Experience. Qualifying experience means engineering employment that requires the applicant to use sound judgment in making engineering decisions and contributes to progress towards becoming a Professional Engineer.

Signature of Applicant

Dennis Reid

Date:

8/28/12

I, the Reference, confirm that I have reviewed the information contained on Part A of this form.

Signature of Reference

[REDACTED]

Date

9/10/12

Applicant's Full Name: Dennis Eugene Reid

PART B - TO BE COMPLETED BY REFERENCE

PLEASE PRINT CLEARLY AND COMPLETE THE ENTIRE FORM.
INCOMPLETE FORMS MAY CAUSE THE APPLICANT TO BE DEEMED INELIGIBLE.

You, as the reference, may request additional experience information from the applicant, including the Board's licensing requirements as contained in the Business and Professions Code and the California Code of Regulations. You must personally complete, sign, seal or stamp, and return both Part A and Part B of this form to the applicant in a sealed envelope.

My relation with the Applicant has been/is:
(check all that apply)

☐

Employer/Supervisor

☒

Co-Worker/Associate*

☐

In Responsible Charge*

☒

Reviewed Work*

☒

Other*

Are you related to this Applicant by blood, marriage, or adoption?

☐

YES*

☒

NO

Do you verify the Applicant's experience on Part A, including position title and employment dates?

☒

YES

☐

NO*

Have you personally seen and reviewed the Applicant's engineering work?

☒

YES

☐

NO*

I have personal knowledge of the Applicant's work experience from the date of JUNE 1991 to the date of PRESENT

Do you consider the Applicant technically qualified
to be licensed as a Professional Engineer?

☒

YES

☐

NO*

☐

DO NOT KNOW*

*Explain in detail all responses marked with an asterisk in this section. Also, include any additional information about the Applicant's engineering experience, capabilities, or limitations. ATTACH ADDITIONAL SHEETS IF NEEDED. If you and the applicant currently have different employers, please explain how you know of the applicant's experience.

CO WORKER AT PREVIOUS EMPLOYER CEG&S CORP. IN THE MECHANICAL
ENGINEERING GROUP. PERFORMED CONTRACT WORK FOR REID RACING, INC.

From personal knowledge, I verify that the applicant has the appropriate experience in the following areas (check all that apply):

Technical Competency

X

Engineering Judgment

X

Professional Integrity/Ethics

X

Project Communications

X

Independent Decision Making

X

Coordination of Project Support Staff

X

Code/Regulatory Knowledge

X

Responsible Charge Capability

X

PLEASE AFFIX YOUR PROFESSIONAL
SEAL OR STAMP HERE

Your Title WELDING ENGINEER

Your Name [REDACTED]

Your Company Name LLNL

Lic No./Exp. Date NA

Address [REDACTED]

Branch/State/Country [REDACTED]

City/State/Zip [REDACTED]

OR - I am legally exempt from licensure because
EMPLOYEE OF A FEDERALLY FUNDED

Phone [REDACTED]

PRIVATE R&D LLC.

I certify under penalty of perjury that these statements are true and correct to the best of my knowledge and that I have personally reviewed and examined the applicant's engineering work.

Signature of
Reference: [REDACTED]

Date: 9/10/12

US Patents List Awarded to Dennis Reid

Patent Number	Title	Issue Date
4,467,219	VARIABLE TIME DELAY APPARATUS FOR CONTROLLING THE START OF A VEHICLE	August 21, 1984
RE32,474	VARIABLE TIME DELAY APPARATUS FOR CONTROLLING THE START OF A VEHICLE	August 11, 1987
5,622,088	AUTOMATIC TRANSMISSION FOR RACING VEHICLE	April 22, 1997
5,652,468	CROSS-OVER COMPENSATION CIRCUIT	July 29, 1997
5,694,817	AIR BLEED AND ADJUSTABLE REVERSE PISTON RELEASE RATE IN AN AUTOMATIC TRANSMISSION FOR RACING VEHICLE	December 9, 1997
5,804,885	AUTOMATIVE RACING SIMULATION APPARATUS	September 8, 1998
5,855,148	EXPLOSION-PROOF TRANSMISSION HOUSING	January 5, 1999
5,892,294	MODULAR AUTOMATOVE RACING SIMULATION APPARATUS	April 6, 1999
US 6,189,505 B1	DISC TYPE THROTTLE STOP	February 20, 2001
US 6,411,205 B1	DISPLAY UNIT	June 25, 2002
7,487,758	CONTROL APPARATUS FOR A THROTTLE STOP OF AN INTERNAL COMBUSTION ENGINE	February 10, 2009
7,976,036	SYSTEM AND METHOD FOR ADAPTING A UNIT BEARING FRONT DRIVING AXLE	July 12, 2011



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Birth Date (MM/DD/YYYY): [REDACTED]		E-Mail Address: [REDACTED]			
Daytime Phone Number (including area code & extension): [REDACTED]		Evening Phone Number (including area code): [REDACTED]		Cell Phone Number (including area code): [REDACTED]	
Engagement Number 1	EMPLOYMENT DATES (MM/DD/YYYY)	TOTAL TIME WORKED IN MONTHS (for this engagement) 61	Employer: Reid Racing, Inc. Employer Address: 1917 Oak Park Blvd City/State/Zip: Pleasant Hill, CA 94523 Applicant's Title: President		
	From: 07/24/2006 To: Present	QUALIFYING EXPERIENCE IN MONTHS (**SEE NOTE BELOW) 61	Reference's Name: [REDACTED] Reference's Address: [REDACTED] City/State/Zip: [REDACTED] Reference's Phone (including area code & extension): 925-743-4095		

All of the following items must be completed.

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Overall. All major engineering decisions made by or approved by me

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Projects (include project name, location [city/state/country], & type):

Redesign of automotive transmission housings and internal parts for Chevrolet Powerglide and Turbo 400 transmissions. Redesign of steering and power transmission components for automotive off-road front driving axles. Work performed in Pleasant Hill.

** Qualifying experience claimed for this Engagement includes only subordinate level engineering work. It does not overlap with credit claimed for education. It does not include overtime, training, orientation, non-engineering work, or summer work while a student. Qualifying experience may be less than the total number of months worked; it is computed by Total Months Worked less Non-Qualifying Experience. Qualifying experience means engineering employment that requires the applicant to use sound judgment in making engineering decisions and contributes to progress towards becoming a Professional Engineer.

Signature of Applicant: Dennis Reid

Date:

8/28/12

I, the Reference, confirm that I have reviewed the information contained on Part A of this form.

Signature of Reference: [REDACTED]

Date:

9/4/12

Applicant's Full Name: Dennis Eugene

PART B - TO BE COMPLETED BY REFERENCE

PLEASE PRINT CLEARLY AND COMPLETE THE ENTIRE FORM.
INCOMPLETE FORMS MAY CAUSE THE APPLICANT TO BE DEEMED INELIGIBLE.

You, as the reference, may request additional experience information from the applicant, including the Board's licensing requirements as contained in the Business and Professions Code and the California Code of Regulations. You must personally complete, sign, seal or stamp, and return both Part A and Part B of this form to the applicant in a sealed envelope.

My relation with the Applicant has been/is:
(check all that apply)

☐

Employer/Supervisor

☒

Co-Worker/Associate*

☐

In Responsible Charge*

☒

Reviewed Work*

☒

Other*

Are you related to this Applicant by blood, marriage, or adoption?

☐

YES*

☒

NO

Do you verify the Applicant's experience on Part A, including position title and employment dates?

☒

YES

☐

NO*

Have you personally seen and reviewed the Applicant's engineering work?

☒

YES

☐

NO*

I have personal knowledge of the Applicant's work experience from the date of 6/91 to the date of PRESENT

Do you consider the Applicant technically qualified
to be licensed as a Professional Engineer?

☒

YES

☐

NO*

☐

DO NOT KNOW*

*Explain in detail all responses marked with an asterisk in this section. Also, include any additional information about the Applicant's engineering experience, capabilities, or limitations. ATTACH ADDITIONAL SHEETS IF NEEDED. If you and the applicant currently have different employers, please explain how you know of the applicant's experience.

COWORKER AT PREVIOUS EMPLOYERS; TRANSAMERICA DELAYAL
AND EG+G CORP. IN THE MECHANICAL ENGINEERING GROUP. ALSO
COLLABORATED ON NUMEROUS ENGINE, PUMP & CONTROL PROJECTS
WITH DEEBENBEAR PRODUCTS, INC., & REID PAVING, INC.

From personal knowledge, I verify that the applicant has the appropriate experience in the following areas (check all that apply):

Technical Competency

☒

Engineering Judgment

☒

Professional Integrity/Ethics

☒

Project Communications

☒

Independent Decision Making

☒

Coordination of Project Support Staff

☒

Code/Regulatory Knowledge

☒

Responsible Charge Capability

☒

PLEASE AFFIX YOUR PROFESSIONAL
SEAL OR STAMP HERE

Your Title PRESIDENT

Your Name [REDACTED]

Your Company Name [REDACTED]

Lic No./Exp. Date NA

Address [REDACTED]

Branch/State/Country [REDACTED]

City/State/Zip [REDACTED]

OR - I am legally exempt from licensure because
EMPLOYEE OF PRIVATE

Phone [REDACTED] Ext. —

INDUSTRIAL CORPORATION

I certify under penalty of perjury that these statements are true and correct to the best of my knowledge and that I have personally reviewed and examined the applicant's engineering work.

Signature of
Reference: [REDACTED]

Date: 9/4/12

US Patents List Awarded to Dennis Reid

Patent Number	Title	Issue Date
4,467,219	VARIABLE TIME DELAY APPARATUS FOR CONTROLLING THE START OF A VEHICLE	August 21, 1984
RE32,474	VARIABLE TIME DELAY APPARATUS FOR CONTROLLING THE START OF A VEHICLE	August 11, 1987
5,622,088	AUTOMATIC TRANSMISSION FOR RACING VEHICLE	April 22, 1997
5,652,468	CROSS-OVER COMPENSATION CIRCUIT	July 29, 1997
5,694,817	AIR BLEED AND ADJUSTABLE REVERSE PISTON RELEASE RATE IN AN AUTOMATIC TRANSMISSION FOR RACING VEHICLE	December 9, 1997
5,804,885	AUTOMATIVE RACING SIMULATION APPARATUS	September 8, 1998
5,855,148	EXPLOSION-PROOF TRANSMISSION HOUSING	January 5, 1999
5,892,294	MODULAR AUTOMOTIVE RACING SIMULATION APPARATUS	April 6, 1999
US 6,189,505 B1	DISC TYPE THROTTLE STOP	February 20, 2001
US 6,411,205 B1	DISPLAY UNIT	June 25, 2002
7,487,758	CONTROL APPARATUS FOR A THROTTLE STOP OF AN INTERNAL COMBUSTION ENGINE	February 10, 2009
7,976,036	SYSTEM AND METHOD FOR ADAPTING A UNIT BEARING FRONT DRIVING AXLE	July 12, 2011



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

2535 Capitol Oaks Drive, Suite 300, Sacramento, California, 95833-2944

Telephone: (916) 263-2222 Toll Free: 1-866-780-5370

Facsimile: (916) 263-2246

www.pels.ca.gov & www.geology.ca.gov



PROFESSIONAL ENGINEER ENGAGEMENT RECORD AND REFERENCE FORM

This form must be submitted for each engagement claimed as qualifying experience. Each engagement being claimed as qualifying experience must be summarized on a separate Engagement Record and Reference Form. "SEE ATTACHED" and resumés are not acceptable in lieu of this form. **Part A of this form must be typed, or it will be returned to applicant.**

The original of this form must be mailed to the Board Office postmarked by the Final Filing Date. Failure to have all documents in the Board Office by the final filing date will result in the Applicant not being set to the current examination.

A copy of the Information Collection, Access, and Disclosure Notice must be provided by the applicant to the reference.

PART A – TO BE COMPLETED BY THE APPLICANT				
I, the Applicant, hereby demonstrate qualifying experience as required by the Business and Professions Code and the California Code of Regulations, as detailed below.				
Last Name Reid		First Name Dennis		Middle Name Eugene
Address of Record (Mailing Address): 107 Rodeo Ct.		City Lafayette	State CA	Zip Code 94549
Birth Date (MM/DD/YYYY): [REDACTED]		E-Mail Address: [REDACTED]		
Daytime Phone Number (including area code & extension): [REDACTED]		Evening Phone Number (including area code): [REDACTED]		Cell Phone Number (including area code): [REDACTED]
Engagement Number 2	EMPLOYMENT DATES (MM/DD/YYYY) From: 06/30/1991 To: 07/24/2006	TOTAL TIME WORKED IN MONTHS (for this engagement) 181	Employer: Dedenbear Products, Inc. Employer Address: 1917 Oak Park Blvd. City/State/Zip: Pleasant Hill, CA 94523 Applicant's Title: President	
		QUALIFYING EXPERIENCE IN MONTHS (**SEE NOTE BELOW) 181	Reference's Name: [REDACTED] Reference's Address: [REDACTED] City/State/Zip: [REDACTED] Reference's Phone (including area code & extension): 925-388-0562	

All of the following items must be completed.

Description of Engineering Tasks & Duties:

Chief Engineer. Set engineering design goals and parameters. Actively participated in each product design.

Level of Responsibility:

Overall. All major engineering decisions made by or approved by me

Description of Engineering Decisions Made:

Type of circuitry to be used, mechanical packaging, S/W flow. Design parameters of pump flow/pressure curves, power and force levels of mechanical actuators, fabrication techniques and materials, testing of finished products. Please see attached list of US Patents awarded to these designs.

Projects (include project name, location [city/state/country], & type):

Reaction Time delay units, mechanical carburetor throttle stops, electrical and mechanical transmission shifters, electrically driven engine water pumps. Work performed in Pleasant Hill.

** Qualifying experience claimed for this Engagement includes only subordinate level engineering work. It does not overlap with credit claimed for education. It does not include overtime, training, orientation, non-engineering work, or summer work while a student. Qualifying experience may be less than the total number of months worked; it is computed by Total Months Worked less Non-Qualifying Experience. Qualifying experience means engineering employment that requires the applicant to use sound judgment in making engineering decisions and contributes to progress towards becoming a Professional Engineer.

Signature of Applicant

Date:

8/28/12

I, the Reference, confirm that I have reviewed the information contained on Part A of this form.

Signature of Reference

Date:

9/5/12

Applicant's Full Name: Dennis Eugene Reid

PART B - TO BE COMPLETED BY REFERENCE

PLEASE PRINT CLEARLY AND COMPLETE THE ENTIRE FORM.
INCOMPLETE FORMS MAY CAUSE THE APPLICANT TO BE DEEMED INELIGIBLE.

You, as the reference, may request additional experience information from the applicant, including the Board's licensing requirements as contained in the Business and Professions Code and the California Code of Regulations. You must personally complete, sign, seal or stamp, and return both Part A and Part B of this form to the applicant in a sealed envelope.

My relation with the Applicant has been/is: ☐ Employer/Supervisor ☐ In Responsible Charge*
(check all that apply) ☒ Co-Worker/Associate* ☐ Reviewed Work* ☐ Other*

Are you related to this Applicant by blood, marriage, or adoption? ☐ YES* ☒ NO

Do you verify the Applicant's experience on Part A, including position title and employment dates? ☒ YES ☐ NO*

Have you personally seen and reviewed the Applicant's engineering work? ☒ YES ☐ NO*

I have personal knowledge of the Applicant's work experience from the date of 5/1984 to the date of 11/1989

Do you consider the Applicant technically qualified
to be licensed as a Professional Engineer? ☒ YES ☐ NO* ☐ DO NOT KNOW*

***Explain in detail all responses marked with an asterisk in this section. Also, include any additional information about the Applicant's engineering experience, capabilities, or limitations. ATTACH ADDITIONAL SHEETS IF NEEDED. If you and the applicant currently have different employers, please explain how you know of the applicant's experience.**

From personal knowledge, I verify that the applicant has the appropriate experience in the following areas (check all that apply):

Technical Competency

Engineering Judgment

Professional Integrity/Ethics

Project Communications

Independent Decision Making

Coordination of Project Support Staff

Code/Regulatory Knowledge

Responsible Charge Capability

☒
☒
☒
☒
☒
☒
☒
☒

PLEASE AFFIX YOUR PROFESSIONAL SEAL OR STAMP HERE

Your Title _____

Your Company Name _____

Address _____

City/State/Zip _____

Phone (_____) _____

Your Name _____

Lic No./Exp. Date _____ 09/30/01

Branch/State/Country MECHANICAL/CALIFORNIA/USA
OR - I am legally exempt from licensure because _____

I certify under penalty of perjury that these statements are true and correct to the best of my knowledge and that I have personally reviewed and examined the applicant's engineering work.

Signature of _____
Reference: _____

Date: 9/5/12

US Patents List Awarded to Dennis Reid

Patent Number	Title	Issue Date
4,467,219	VARIABLE TIME DELAY APPARATUS FOR CONTROLLING THE START OF A VEHICLE	August 21, 1984
RE32,474	VARIABLE TIME DELAY APPARATUS FOR CONTROLLING THE START OF A VEHICLE	August 11, 1987
5,622,088	AUTOMATIC TRANSMISSION FOR RACING VEHICLE	April 22, 1997
5,652,468	CROSS-OVER COMPENSATION CIRCUIT	July 29, 1997
5,694,817	AIR BLEED AND ADJUSTABLE REVERSE PISTON RELEASE RATE IN AN AUTOMATIC TRANSMISSION FOR RACING VEHICLE	December 9, 1997
5,804,885	AUTOMATIVE RACING SIMULATION APPARATUS	September 8, 1998
5,855,148	EXPLOSION-PROOF TRANSMISSION HOUSING	January 5, 1999
5,892,294	MODULAR AUTOMATOVE RACING SIMULATION APPARATUS	April 6, 1999
US 6,189,505 B1	DISC TYPE THROTTLE STOP	February 20, 2001
US 6,411,205 B1	DISPLAY UNIT	June 25, 2002
7,487,758	CONTROL APPARATUS FOR A THROTTLE STOP OF AN INTERNAL COMBUSTION ENGINE	February 10, 2009
7,976,036	SYSTEM AND METHOD FOR ADAPTING A UNIT BEARING FRONT DRIVING AXLE	July 12, 2011


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PROFESSIONAL ENGINEER ENGAGEMENT RECORD AND REFERENCE FORM

This form must be submitted for each engagement claimed as qualifying experience. Each engagement being claimed as qualifying experience must be summarized on a separate Engagement Record and Reference Form. "SEE ATTACHED" and resumés are not acceptable in lieu of this form. **Part A of this form must be typed, or it will be returned to applicant.**

The original of this form must be mailed to the Board Office postmarked by the Final Filing Date. Failure to have all documents in the Board Office by the final filing date will result in the Applicant not being set to the current examination.

A copy of the Information Collection, Access, and Disclosure Notice must be provided by the applicant to the reference.

PART A - TO BE COMPLETED BY THE APPLICANT

I, the Applicant, hereby demonstrate qualifying experience as required by the Business and Professions Code and the California Code of Regulations, as detailed below.

Last Name Reid		First Name Dennis		Middle Name Eugene	
Address of Record (Mailing Address): 107 Rodeo Ct.		City Lafayette	State CA	Zip Code 94549	Country USA
Birth Date (MM/DD/YYYY):		E-Mail Address:			
Daytime Phone Number (including area code & extension):		Evening Phone Number (including area code):		Cell Phone Number (including area code):	
Engagement Number 2	EMPLOYMENT DATES (MM/DD/YYYY)	TOTAL TIME WORKED IN MONTHS (for this engagement) 181	Employer: Dodenbear Products, Inc. Employer Address: 1917 Oak Park Blvd City/State/Zip: Pleasant Hill, CA 94523 Applicant's Title: President		
	From: 06/30/1991 To: 07/24/2006	QUALIFYING EXPERIENCE IN MONTHS (~SEE NOTE BELOW) 181	Reference's Name: Reference's Address: City/State/Zip: Reference's Phone (including area code & extension): 925-570-0802		

All of the following items must be completed.

Description of Engineering Tasks & Duties:

Chief Engineer. Set engineering design goals and parameters. Actively participated in each product design.

Level of Responsibility:

Overall. All major engineering decisions made by or approved by me

Description of Engineering Decisions Made:

Type of circuitry to be used, mechanical packaging, SAW flow. Design parameters of pump flow/pressure curves, power and force levels of mechanical actuators, fabrication techniques and materials, testing of finished products. Please see attached list of US Patents awarded to these designs.

Projects (include project name, location [city/state/country], & type):

Reaction Time delay units, mechanical carburetor throttle stops, electrical and mechanical transmission shifters, electrically driven engine water pumps. Work performed in Pleasant Hill.

** Qualifying experience claimed for this Engagement includes only subordinate level engineering work. It does not overlap with credit claimed for education. It does not include overtime, training, orientation, non-engineering work, or summer work while a student. Qualifying experience may be less than the total number of months worked; it is computed by Total Months Worked less Non-Qualifying Experience. Qualifying experience means engineering employment that requires the applicant to use sound judgment in making engineering decisions and contributes to progress towards becoming a Professional Engineer.

Signature of Applicant Dennis Reid Date: 8/28/12

I, the Reference, confirm that I have reviewed the information contained on Part A of this form.
Signature of Reference [Redacted] Date: 9/2/12

Applicant's Full Name: Dennis Eugene

PART B - TO BE COMPLETED BY REFERENCE

PLEASE PRINT CLEARLY AND COMPLETE THE ENTIRE FORM.
INCOMPLETE FORMS MAY CAUSE THE APPLICANT TO BE DEEMED INELIGIBLE.

You, as the reference, may request additional experience information from the applicant, including the Board's licensing requirements as contained in the Business and Professions Code and the California Code of Regulations. You must personally complete, sign, seal or stamp, and return both Part A and Part B of this form to the applicant in a sealed envelope.

My relation with the Applicant has been/is: (check all that apply)

<input type="checkbox"/> Employer/Supervisor	<input type="checkbox"/> In Responsible Charge*
<input checked="" type="checkbox"/> Co-Worker/Associate*	<input checked="" type="checkbox"/> Reviewed Work* <input type="checkbox"/> Other*

Are you related to this Applicant by blood, marriage, or adoption? ☐ YES* ☒ NO

Do you verify the Applicant's experience on Part A, including position title and employment dates? ☒ YES ☐ NO*

Have you personally seen and reviewed the Applicant's engineering work? ☒ YES ☐ NO*

I have personal knowledge of the Applicant's work experience from the date of 06/1991 to the date of 08/2012

Do you consider the Applicant technically qualified to be licensed as a Professional Engineer? ☒ YES ☐ NO* ☐ DO NOT KNOW*

*Explain in detail all responses marked with an asterisk in this section. Also, include any additional information about the Applicant's engineering experience, capabilities, or limitations. ATTACH ADDITIONAL SHEETS IF NEEDED. If you and the applicant currently have different employers, please explain how you know of the applicant's experience.

CO-WORKER AT PREVIOUS EMPLOYER BGE&G CORP. IN THE SPECIAL MEASUREMENTS GROUP. HAVE HAD DISCUSSIONS WITH APPLICANT ON TECHNICAL ISSUES WHILE AT DEDENBEAR PRODUCTS, INC

From personal knowledge, I verify that the applicant has the appropriate experience in the following areas (check all that apply):

Technical Competency	<input checked="" type="checkbox"/>
Engineering Judgment	<input checked="" type="checkbox"/>
Professional Integrity/Ethics	<input checked="" type="checkbox"/>
Project Communications	<input checked="" type="checkbox"/>
Independent Decision Making	<input checked="" type="checkbox"/>
Coordination of Project Support Staff	<input checked="" type="checkbox"/>
Code/Regulatory Knowledge	<input checked="" type="checkbox"/>
Responsible Charge Capability	<input checked="" type="checkbox"/>

PLEASE AFFIX YOUR PROFESSIONAL SEAL OR STAMP HERE

Your Title MECHANICAL DESIGN ENGINEER

Your Name [REDACTED]

Your Company Name [REDACTED]

Lic No./Exp. Date [REDACTED] 6/30/13

Address [REDACTED]

Branch/State/Country ME/CA/USA

City/State/Zip [REDACTED]

OR - I am legally exempt from licensure because

Phone [REDACTED] Ext. [REDACTED]

I certify under penalty of perjury that these statements are true and correct to the best of my knowledge and that I have personally reviewed and examined the applicant's engineering work.

Signature of Reference: [REDACTED]

Date: 9/2/12

US Patents List Awarded to Dennis Reid

Patent Number	Title	Issue Date
4,467,219	VARIABLE TIME DELAY APPARATUS FOR CONTROLLING THE START OF A VEHICLE	August 21, 1984
RE32,474	VARIABLE TIME DELAY APPARATUS FOR CONTROLLING THE START OF A VEHICLE	August 11, 1987
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5,804,885	AUTOMATIVE RACING SIMULATION APPARATUS	September 8, 1998
5,855,148	EXPLOSION-PROOF TRANSMISSION HOUSING	January 5, 1999
5,892,294	MODULAR AUTOMATOVE RACING SIMULATION APPARATUS	April 6, 1999
US 6,189,505 B1	DISC TYPE THROTTLE STOP	February 20, 2001
US 6,411,205 B1	DISPLAY UNIT	June 25, 2002
7,487,758	CONTROL APPARATUS FOR A THROTTLE STOP OF AN INTERNAL COMBUSTION ENGINE	February 10, 2009
7,976,036	SYSTEM AND METHOD FOR ADAPTING A UNIT BEARING FRONT DRIVING AXLE	July 12, 2011



MANUFACTURERS OF TRANSMISSION AND OFF-ROAD EQUIPMENT

September 12, 2012

Ms. Kate Tibbitts
Licensing Evaluator
Board for Professional Engineers, Land Surveyors, and Geologists
2535 Capitol Oaks Drive, Suite 300
Sacramento, CA 95833

Dear Kate,

Enclosed is the application for reinstatement of my Mechanical Engineers Professional Engineers License and a copy of the letter that you sent me. Below I've addressed all of the items from your letter.

Item 1) Completed "Application for license" is enclosed. Sealed returned reference forms from (4) references are enclosed.

Item 2) Check for \$125 and the "Take-Home" exam on the Board's Laws and Rules is enclosed.

Item 3) I moved to a different address in 1988. I believe that I sent in a change of address form, but I never received a change form. I didn't think about the renewal until just recently and I am now applying for reinstatement of my license.

Item 4) I do not have the original wall certificate. It appears to have been lost during my move in 1988.

Item 5) Engineering practice during the time of delinquency is covered in the "Application for license". Also included is a list of U.S. Patents that I was awarded during this time period, all of which pertain to engineering designs. If this is not sufficient, please notify me and I will expand further.

Item 6) Copy of letter is enclosed.

Thank you.

REID RACING, Inc.

A handwritten signature in cursive script that reads "Dennis Reid".

Dennis Reid
President

US Patents List Awarded to Dennis Reid

Patent Number	Title	Issue Date
4,467,219	VARIABLE TIME DELAY APPARATUS FOR CONTROLLING THE START OF A VEHICLE	August 21, 1984
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7,976,036	SYSTEM AND METHOD FOR ADAPTING A UNIT BEARING FRONT DRIVING AXLE	July 12, 2011

Subj: RE: Renewal of canceled license-Dennis Eugene Reid
 Date: 8/10/2012 3:01:22 P.M. Pacific Daylight Time
 From: Kate.Tibbitts@dca.ca.gov
 To: Readrodeo1@aol.com

To apply for reinstatement of these licenses, please submit the following documents and fees:

1. A completed "Application for license". Describe your engineering/surveying activities during the entire period of non-renewal. You must disclose the information regarding your engineering/surveying activities on the Engagement Record and Reference forms that are part of the application package. You must cover the entire period from the date your license expired to the date of your application. You do not need to include activities performed while your license was valid. All applicants for reinstatement must provide a minimum of four references. **Transcripts are not required.**

If you are reinstating a civil engineer license, a minimum of four (4) licensed **civil engineers** must provide references to verify the period of your work experience since your license expired. For the reinstatement of a license in any other discipline, you should provide references from at least four (4) engineers licensed in your branch of engineering. If you have been working in an area covered by an exemption, you must provide at least four (4) references from engineers working in the branch of engineering that you were licensed in. There is no exemption for the practice of civil engineering. Refer to Question 20, in the FAQ on the Board's website for the disclosure and reference requirements.

2. A check payable to the Department of Consumer Affairs for \$125, to cover all evaluation costs and written or oral examination costs. Please note, the Board may require you to retake the 8-hour branch examination, or may waive this examination. **However, the Board cannot waive, and you will be required to take, the "take-home" examination on the Board's Laws and Rules. Also, following Board Rule 424.5 (enclosed), all applicants for reinstatement in civil engineering whose initial license was issued before January 1, 1988 must take and pass the examinations on seismic principles and engineering surveying prior to reinstatement.**

3. A statement to explain the circumstances of your expired license.
4. You must return your **original** wall certificate with your application. Your wall certificate is no longer valid and, if the Board approves your application for reinstatement, the Board will return either your original certificate or will issue a duplicate wall certificate with your former license number. If you are unable to comply with this requirement, you must state the circumstances that prevent your compliance.
5. A statement detailing your engineering/surveying practice and identifying any projects in California, including projects which you have been in responsible charge during the entire period of your delinquency.
6. A copy of this letter.

The engineering staff will prepare a report for the Board's Examinations/Qualifications Committee. The committee will review each file during the closed session of the next available meeting. You will be notified if the Board requires additional information. The committee will make a recommendation to the Board, and the Board will render the final decision. The Board may attach conditions to the reinstatement, including requiring you to take an examination and/or

pay accrued delinquency fees.

Because staff and at least one Board Committee must review your application before it goes to the Board for action, the process may take several months. It will expedite the process if you ensure your application and supporting documentation are accurate and complete upon filing. Upon evaluation of these materials, you will be set to take the examination in your branch of engineering. You may choose to wait until the Board determines whether you must take an examination prior to being scheduled. However, as noted above, it could lengthen the reinstatement process. If you are scheduled for an examination and the Board waives the examination requirement prior to its administration, staff will notify you. If, after you have taken the examination, the Board waives the examination, the Board will void the examination and/or disregard the score.

Please remember that you may not call yourself a Civil, Registered, Licensed, or Professional Engineer in California. You also may not perform any services such as acting in responsible charge or signing and sealing documents that would require such a license until your reinstatement is completed.

If you have any questions, please feel free to contact me at (916) 263-1436.

Sincerely,

Kate Tibbitts
Reinstatement Coordinator

Enclosure: Board Rule 424.5

424.5 Reinstatement Requirements for Delinquent Applicants

(a) A license that has not been renewed within the time required under Business and Professions Code section 6796.3 or 8803 is considered delinquent and, except as provided in subdivision (c), shall be reinstated if the applicant complies with the following:

- (1) Submits evidence satisfactory to the Board that the applicant is qualified in the branch for which he or she is applying. This evidence shall consist of:
 - (A) A completed, typewritten application on a form as specified in Section 420 accompanied by the required application fee as specified in Section 407 (b)(1)-(4).
 - (B) Completed appropriate reference forms as specified in Sections 427.10, 427.20, or 427.30. The submission of a reference that states that the applicant is not technically qualified to be licensed shall be grounds for denial.
- (2) Takes and passes the examination on the applicable state laws and board regulations as specified in Business and Professions Code section 6755.2 or 8741.1.
- (3) Takes and passes examinations on seismic principles and engineering surveying, if he or she is a civil engineering applicant whose initial registration was issued prior to

January 1, 1988.

(4) Pay all accrued and unpaid renewal fees.

(5) Has not committed any acts or crimes constituting grounds for denial of licensure under Business and Professions Code section 480.

(b) An applicant who is unable to submit evidence satisfactory to the Board that he or she is qualified as provided in subdivision (a)(1) shall take and pass the appropriate second division examination or the appropriate title authority examination in addition to the requirements specified in subdivision (a)(2)-(5) prior to reinstatement of the delinquent license.

(c) Notwithstanding subdivisions (a) and (b), the Board may pursue action, including but not limited to revocation or suspension of the license pursuant to Business and Professions Code sections 6775, 6776, 8780, and 8781, issuance of a citation containing an order to pay an administrative fine pursuant to Sections 473 through 473.4, filing of criminal charges pursuant to Business and Professions Code sections 6787 and 8792, and denial of the application pursuant to Section 420, against the applicant if evidence obtained during an investigation reveals that the applicant has violated any provision of the Business and Professions Code, the California Code of Regulations, or other applicable laws and regulations related to the practices of professional engineering or professional land surveying during the period of delinquency, including, but not limited to, practicing or offering to practice with an expired or delinquent license.

(d) The application response timeframe is as specified in Section 470 (a).

(e) The Board's period for processing an application from receipt of the initial application to the final decision regarding issuance or denial of licensure is as specified in Section 471.

As used in this section, "license" includes certificate of registration as a professional engineer, licensure as a professional land surveyor, and certificates of authority to use the title "structural engineer," "soil engineer," or "consulting engineer."

[Amended effective January 1, 2000]

Kate Tibbitts
Licensing Evaluator
Board for Professional Engineers, Land Surveyors, and Geologists
2535 Capitol Oaks Drive, Ste 300
Sacramento, CA 95833
Phone: (916) 263-1436
Fax: (916) 263-2246
Website: www.bpelsg.ca.gov
E-mail address: Kate.Tibbitts@dca.ca.gov

ALL APPROVED Candidates MUST register at <http://www.ncees.org/Exams.php> to be eligible to sit for ANY NCEES examination.

Registration for OCTOBER 2012 examinations will open in early June 2012.

* Please note, registration at NCEES is required for ALL exams.

PLEASE NOTE THAT OUR FINAL FILING DEADLINES:

- EIT/LSIT – JULY 30, 2012
- PE (NEW) – MAY 1, 2012
- PE (REFILE) – JULY 30, 2012

CONFIDENTIALITY NOTICE: This communication with its contents may contain confidential and/or legally privileged information. It is solely for the use of the intended recipient(s). Unauthorized interception, review, use or disclosure is prohibited and may violate applicable laws including the Electronic Communications Privacy Act. If you are not the intended recipient, please contact the sender

and destroy all copies of the communication.

From: Readrodeo1@aol.com [mailto:Readrodeo1@aol.com]
Sent: Friday, August 10, 2012 12:21 PM
To: Evaluator3, BPELS@DCA
Subject: Renewal of canceled license-Dennis Eugene Reid

Sirs,

Dennis Eugene Reid
Mechanical Engineer
License # 19459

I checked the status of my Professional Engineers license and found that it has been canceled. The address listed is an out of date address by 24 years so I assume that is why I have never received any notifications. Could you please tell what I have to do to get the license re-instated?
Thanks,
Dennis

Friday, August 31, 2012 2:01 PM
From: Readrodeo1

License Reinstatement Write-up

Review by Board Members William Wilburn and William Silva

For Consideration at the January 31 – February 1, 2013 Board Meeting

REID, DENNIS EUGENE

(Mechanical)

BACKGROUND

Mr. Reid received his Mechanical Engineering license in 1979. His license expired in September 1991 and became **THREE years delinquent** in 1994.

Activities During Period of Non-Renewal

From July 2006 to Present, Mr. Reid has been employed as President of Reid Racing, Inc. in Pleasant Hill, California. He acts as Chief Engineer and sets engineering design goals and parameters. He actively participated in each product design, and has overall responsibility for all major engineering decisions in the company.

Engineering decisions include:

- Type of castings to be used
- Forging process
- Machining process and fixturing
- Performance features to be included
- Testing of finished parts.

Projects include:

- The redesign of automotive transmission housings and internal parts for Chevrolet Powerglide and Turbo 400 transmissions.
- Redesign of steering and power transmission components for automotive off-road front driving axles.

From June 1991 to July 2006, Mr. Reid was employed as President of Dedenbear Products, Inc. in Pleasant Hill, California. He acted as Chief Engineer and set engineering design goals and parameters. He actively participated in each product design, and had overall responsibility for all major engineering decisions in the company.

Engineering decisions included:

- Type of circuitry to be used, the mechanical packaging, and the S/W flow.
- Design parameters of pump flow/pressure curves, power and force levels of mechanical actuators, fabrication techniques and materials, and testing of finished products.

Projects included:

- Reaction time delay units
- Mechanical carburetor throttle stops

- Electrical and mechanical transmission shifters
- Electrically driven engine water pumps

Enforcement Review

Further investigation is being performed to determine if Mr. Reid violated the Board laws during the period of delinquency.

Upon advice from legal counsel, the reinstatement application should be processed independent of the investigation. Reinstatement does not preclude us from taking disciplinary action should it be determined that a violation of our laws occurred during the period of delinquency.

RECOMMENDATION

The mission of the Board for Professional Engineers, Land Surveyors, and Geologists is to safeguard the life, health, property, and welfare of the public by regulating the practice of professional engineering, land surveying and geology in California.

After a technical evaluation by the Board staff engineer and members of the Board, there is reason to believe that the applicant, Mr. Reid, may not be technically qualified to practice Mechanical engineering in California due in part to the length of license delinquency.

Mr. Reid has not been licensed in the State of California for over twenty-one years. Requiring the second division examination will validate the technical competency of the reinstatement.

RECOMMENDED ACTION:

It is recommended that the Board require that he take the second division examination (Mechanical Engineering Examination). Once Mr. Reid takes and passes the second division examination (Mechanical Engineering), the Board shall grant him licensure by reinstatement in Mechanical Engineering.

**BEFORE THE BOARD FOR PROFESSIONAL
ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS
DEPARTMENT OF CONSUMER AFFAIRS
STATE OF CALIFORNIA**

In the Matter of the Reinstatement)
of the Expired License of:)
)
 DENNIS EUGENE REID)
 107 RODEO COURT)
 LAFAYETTE, CA 94549)
)
 License No. M 19459)
 Respondent.)
_____)

DECISION TO REINSTATE EXPIRED LICENSE

FINDINGS OF FACT

1. On or about September 14, 2012, Dennis Eugene Reid (hereinafter referred to as respondent) submitted to the Board for Professional Engineers, Land Surveyors, and Geologists (hereinafter referred to as the Board) an application for licensure as a Mechanical Engineer.
2. Respondent had previously been licensed by the Board as a Mechanical Engineer from on or about March 14, 1979 through and including September 30, 1991. At that time, respondent ceased to renew his/her license as a Mechanical Engineer. Said license thereafter lapsed on October 1, 1994, and could not, by law, be renewed unless and until the respondent meets the requirements of Section 6796.3 of the Business and Professions Code.
3. Upon review of respondent's credentials and an investigation of his/her practice, it was established that respondent has not substantiated that he/she is qualified to practice mechanical engineering in California. Current regulations require that the respondent take and pass certain examinations in order to reinstate his/her Mechanical Engineer license.
4. On September 14, 2012, the respondent submitted \$125.00 as payment for the application fee.
5. On September 14, 2012, the respondent passed the California Laws and Board Rules examination with a score of 70% or better.

DETERMINATION OF ISSUES

1. Pursuant to the provisions of Business and Professions Code section 6796.3 and Title 16, California Code of Regulations section 424.5, the Board has the authority to reinstate a license which has not been renewed within three years after its expiration upon payment of all fees and satisfaction of all requirements and may waive examination of the applicant if the Board finds that, with due regard to the public interest, the holder of the expired license is qualified to practice engineering. In addition, the Board may attach conditions to the reinstatement of the expired license.

2. All applicants are required to pay the application fee to the Board and the examination development and administration fees to the Board and/or to the examination vendor in effect for each examination administration cycle for which they wish to be scheduled for an examination. Additionally, the Board may charge delinquent renewal fees as set forth in Business and Professions Code section 6796.3(c) and Title 16, California Code of Regulations section 424.5(a)(4).

3. Pursuant to Title 16, California Code of Regulations section 424.5(a) (2), all applicants shall take and pass the California Law and Board Rules examination with a score of 70% or better as a condition for reinstatement of the delinquent license.

ORDER

WHEREFORE, based upon the above Findings of Fact and Determination of Issues, the Board issues the following order:

Upon completion of the following conditions, respondent's Mechanical Engineer license No. M 19459 shall be reinstated.

1. Respondent shall take and pass, the Mechanical Engineering Professional Examination before reinstatement of the respondent's Mechanical Engineer license.

2. Respondent shall be required to tender to the Board the sum of \$1772.50 to pay for current and delinquent renewal fees. Such fees shall be payable within 90 days after receipt of this decision, or the application will be deemed abandoned pursuant to Title 16, California Code of Regulations section 428.

IT IS SO ORDERED this 31st day of January 2013, and shall become effective immediately.



Board for Professional Engineers,
Land Surveyors, and Geologists

Business and Professions Code 6796.3.

Certificates of registration as a professional engineer, and certificates of authority to use the title "structural engineer," "soil engineer," or "consulting engineer" that are not renewed within three years after expiration may not be renewed, restored, reinstated, or reissued unless all of the following apply:

(a) The registrant or certificate holder has not committed any acts or crimes constituting grounds for denial of registration or of a certificate under Section 480.

(b) The registrant or certificate holder takes and passes the examination that would be required of him or her if he or she were then applying for the certificate for the first time, or otherwise establishes to the satisfaction of the board that, with due regard for the public interest, he or she is qualified to practice the branch of engineering in which he or she seeks renewal or reinstatement.

(c) The registrant or certificate holder pays all of the fees that would be required of him or her if he or she were then applying for the certificate for the first time. If the registrant or certificate holder has been practicing in this state with an expired or delinquent license and receives a waiver from taking the examination as specified in subdivision (b) then he or she shall pay all accrued and unpaid renewal fees.

The board may, by regulation, provide for the waiver or refund of all or any part of the application fee in those cases in which a certificate is issued without an examination pursuant to this section.

VIII.

CONSIDERATION OF RULEMAKING PROPOSALS

- A. Update on Board Rules 420.1 and 3021.1 (16 CCR 420.1 and 3021.1), Engineers, Land Surveyors, Geologists, and Geophysicists Applicants Fingerprints
- B. Adoption of Proposed Amendments to Title 16, California Code of Regulations Sections 475, 476, and 3065 (Codes of Professional Conduct)

**APPROVAL AND ADOPTION OF RULEMAKING PROPOSALS
RELATING TO
CODE OF PROFESSIONAL CONDUCT
[Title 16, California Code of Regulations sections 475, 476, and 3065]**

The proposed amendments to the above regulations were noticed for public comment on March 22, 2013. The 45-day period for the submittal of written comments ended on May 7, 2013. No written comments have been received regarding this proposed rulemaking decision.

No public hearing was scheduled on this rulemaking proposal, and none was requested during the time period in which to request a hearing.

Sections 475 and 476 are the Codes of Professional Conduct for Professional Engineers and Land Surveyors and are being amended to eliminate implicit references to copyright infringement, which are not within the jurisdiction of the Board.

Section 3065 is the Code of Professional Conduct for Professional Geologists and Geophysicists and is being amended to prevent a licensee, as a representative of a public agency, from reviewing or approving his or her own private work. Section 3065 is also being amended, similar to Section 475 and 476 above, to eliminate implicit references to copyright infringement, which are not within the jurisdiction of the Board.

These amendments will also adhere to the Board's Strategic Plan, Objective 2.10: "Review statutes and regulations to provide consistency among all of the Board's regulated professions."

RECOMMENDED MOTION

Adopt the proposed changes to Title 16, California Code of Regulations sections 475, 476, and 3065 and direct staff to finalize the rulemaking file for submittal to the Department of Consumer Affairs and the Office of Administrative Law for review and approval.

IX.

CLOSED SESSION

A. Civil Litigation

1. Dennis William McCreary vs. Board for Professional Engineers, Land Surveyors, and Geologists, Sierra County Superior Court Case No. 7361
2. Thomas Lutge v. Board for Professional Engineers, Land Surveyors, and Geologists, Department of Consumer Affairs, Sacramento Superior Court Case No. 34-2012-80001329-CU-WM-GDS

B. Executive Officer Performance Evaluation

X. **OPEN SESSION TO ANNOUNCE THE RESULTS OF CLOSED SESSION**

XI. **ADMINISTRATION**

- A. Board Budget Presentation Options
- B. FY 2012/13 Budget Overview

Option 1 – Presented at November 2010 Board Meeting

A. Fund Condition (Possible Action)

The fund condition for the Engineers and Land Surveyors is identified in Attachment A and the fund condition for the Geology/Geophysicists is identified in Attachment B.

The Engineers and Land Surveyors' fund revenue received through September 30, 2010, of the fiscal year was \$4,519,770, which is a \$504,032 reduction from prior fiscal year revenue received at this time. This revenue drop is a result of both the normal renewal revenue decline that occurs every other fiscal year and the reduction in examination applications received for the October 2010 examinations.

The Geologist and Geophysicists' Fund revenue received through September 30, 2010, was \$863,768, which is a \$4,406 increase as compared to the prior fiscal year. This includes an \$11,727 increase in license renewal revenue and a drop of \$7,875 in examination applications and initial license fee revenue from the prior fiscal year. Workload and revenue statistics show this drop is a result of the declining number of applications and initial license fees received for the Geophysicist, Hydrogeologist and Engineering Geologist disciplines during the last three fiscal years.

ATTACHMENT A

ProfessionalEngineers and Land Surveyors FUND CONDITION As of November 1, 2010

FUND CONDITION:	Prior Actual 2008-09	Prior Actual 2009-10	Current 2010-11	2011-12	2012-13	2013-14
Total Reserves, July 1	\$ 5,530	\$ 3,982	\$ 5,330	\$ 5,301	\$ 6,129	\$ 5,750
Revenue:						
License Renewal Fees	\$ 5,395	\$ 6,308	\$ 5,425	\$ 6,405	\$ 5,425	\$ 5,425
Exam Application Fees	\$ 3,970	\$ 3,775	\$ 3,852	\$ 3,906	\$ 3,906	\$ 3,906
Delinquent Fees	\$ 59	\$ 64	\$ 64	\$ 64	\$ 64	\$ 64
Surplus Money Investment Income	\$ 136	\$ 44	\$ 50	\$ 50	\$ 50	\$ 57
Other Miscellaneous	\$ 35	\$ 32	\$ 38	\$ 38	\$ 35	\$ 35
Total Revenue:	\$ 9,595	\$ 10,223	\$ 9,429	\$ 10,463	\$ 9,480	\$ 9,487
Total Revenue & Transfers	\$ 15,125	\$ 14,205	\$ 14,759	\$ 15,764	\$ 15,609	\$ 15,237
Unreimbursed Loans to GF	\$ {2,000}					
Total Resources	\$ 13,125	\$ 14,205	\$ 14,759	\$ 15,764	\$ 15,609	\$ 15,237
Expenditures:	\$ 9,143	\$ 8,875	\$ 9,466	\$ 9,643	\$ 9,859	\$ 9,859
Reserve, June 30	\$ 3,982	\$ 5,330	\$ 5,293	\$ 6,121	\$ 5,750	\$ 5,378
MONTHS IN RESERVE	5.4	6.8	6.6	7.5	7.0	

Notes:

- A. Assumes workload and revenue projections are realized for FY 20010-11 & ongoing.
- B. Assumes interest rate at 1%.
- C. Assumes appropriation growth of 2% per year.
- D. Excludes 5% workforce cap and employee salary adjustments included in Budget Act of 2010.

ATTACHMENT B

Geology and Geophysicists Fund FUND CONDITION November 1, 2010

FUND CONDITION:	Prior Actual		Prior Actual		Current		2011-12		2012-13		2013-14	
	2008-09		2009-10		2010-11							
Total Reserves, July 1	\$ 963	\$	828	\$	724	\$	397	\$	121	\$	(239)	
Revenue:												
License Renewal Fees	\$ 811	\$	758	\$	820	\$	784	\$	850	\$	784	
Application & Exam Fees	\$ 220	\$	186	\$	183	\$	183	\$	183	\$	183	
Delinquent Fees	\$ 12	\$	14	\$	14	\$	14	\$	14	\$	14	
Surplus Money Investment Income	\$ 22	\$	5	\$	4	\$	-	\$	-	\$	-	
Other Miscellaneous	\$ 2	\$	3	\$	6	\$	6	\$	6	\$	8	
Total Revenue:	\$ 1,067	\$	966	\$	1,027	\$	987	\$	1,053	\$	989	
Total Revenue & Transfers	\$ 2,030	\$	1,794	\$	1,751	\$	1,384	\$	1,174	\$	750	
Unreimbursed Loans to GF	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	
Total Resources	\$ 2,030	\$	1,794	\$	1,751	\$	1,384	\$	1,174	\$	750	
Total Expenditures	\$ 1,201	\$	1,070	\$	1,260	\$	1,270	\$	1,413	\$	1,434	
Reserve, June 30	\$ 829	\$	724	\$	491	\$	114	\$	(239)	\$	(684)	
MONTHS IN RESERVE	9.3		6.9		4.6		1.0		(2.0)			

Notes:

- A. Assumes workload and revenue projections are realized for FY 20010-11 & ongoing.
- B. Assumes interest rate at 1%.
- C. Assumes appropriation growth of 2% per year.
- D. Excludes 5% workforce cap and employee salary adjustments included in Budget Act of 2010.

Option 2 – Presented at November 2011 Board Meeting

A. Fund Condition Overview:

The fund conditions for the Engineers & Land Surveyors Board and the Geologists & Geophysicists Account are identified in **Attachments A and B**. The final FY 2011-12 revenue and expenditure figures will change slightly from the figures included in the fund conditions once all year-end revenue and expenditures are realized.

The **Engineers and Land Surveyors (PELS) Fund** as of September 30, 2011:

	FY 11/12	FY 10/11
Expenditures	\$5.5 Million	\$3.8 Million
Revenue	\$5.0 Million	\$4.5 Million
Applications	7,144	7,141
Renewals	8,454	7,777

Notes: Application & Renewal stats captured since August 31, 2011.

Applications received have remained steady versus last year's figures. In addition, renewals have increased based on the cyclical nature of the PELS population. Overall, revenue should increase by \$1.1M as a result.

The **Geologist and Geophysicists (GEO) Fund** as of September 30, 2011:

	FY 11/12	FY 10/11
Expenditures	\$238 Thousand	\$206 Thousand
Revenue	\$95 Thousand	\$134 Thousand
Applications	59	46
Renewals	665	623

Notes: Application & Renewal stats captured since August 31, 2011.

Applications and renewals have increased versus last year's figures which will provide additional revenue for the Geology and Geophysicists Account this FY.

Option 3

FY 2012/13 Budget Overview:

The information provided below is a summary of the Engineers and Land Surveyors Board fund and the Geologists & Geophysicists Account. The data is based on approved Governor's Budget, projected expenditures & revenue, projections to year-end, applications received and renewals processed through April 2013.

The **Engineers and Land Surveyors (PELS) Fund** as of April 30, 2013

	FY 12/13	FY 11/12
Expenditures	\$6.0 Million	\$9.4 Million
Revenue	\$7.4 Million	\$9.7 Million
Applications	9,202	16,632
Renewals	31,946	35,549

Budget Allotment	\$9.23 Million
Projection to Year-End	\$7.17 Million
Surplus/Deficit	\$2.05 Million
Revenue (Year-End)	\$9.00 Million

Expenditures have been reduced by \$4.0 Million versus last FY as a result of no longer contracting for and administering national exams. Applications have decreased as a result of no longer requiring EIT and LSIT applications prior to sitting for examination.

The **Geologist and Geophysicists (GEO) Fund** as of April 30, 2013:

	FY 12/13	FY 11/12
Expenditures	\$1.02 Million	\$691 Thousand
Revenue	\$871 Thousand	\$817 Thousand
Applications	221	185
Renewals	3,618	3,375

Budget Allotment	\$1.36 Million
Projection to Year-End	\$1.18 Million
Surplus/Deficit	\$180 Thousand
Revenue (Year-End)	\$1.05 Million

Expenditures have increased as a result of multiple exam development and occupational analysis contracts with OPES (Office of Professional Exam Services). Overall, revenue at year-end should remain consistent with historical averages.

0770 - Board for Prof. Engineers and Land Surveyors

Analysis of Fund Condition

(Dollars in Thousands)

Proposed Governor's Budget 2013-14

			Governor's Budget BY 2013-14
	ACTUAL 2011-12	CY 2012-13	
*\$7.0 million GF loan outstanding			
BEGINNING BALANCE	\$ 5,707	\$ 697	\$ 2,449
Prior Year Adjustment	\$ 271	\$ -	\$ -
Adjusted Beginning Balance	\$ 5,978	\$ 697	\$ 2,449
REVENUES AND TRANSFERS			
Revenues:			
125600 Other regulatory fees	\$ 91	\$ 79	\$ 44
125700 Other regulatory licenses and permits	\$ 3,386	\$ 2,501	\$ 3,325
125800 Renewal fees	\$ 6,504	\$ 6,339	\$ 5,994
125900 Delinquent fees	\$ 79	\$ 53	\$ 75
150300 Income from surplus money investments	\$ 16	\$ 7	\$ 1
161000 Escheat of unclaimed checks and warrants	\$ 9	\$ 8	\$ 8
161400 Miscellaneous revenues	\$ 2	\$ 3	\$ 3
Totals, Revenues	\$ 10,087	\$ 8,990	\$ 9,450
Transfers from Other Funds			
FO0001 Proposed GF Loan Repayment per item	\$ -	\$ -	\$ 2,000
FO0001 Proposed GF Loan Repayment per item	\$ -	\$ -	\$ 500
Transfers to Other Funds			
TO0001 GF Loan per item 1110-011-0770	\$ -5,000	\$ -	\$ -
Totals, Revenues and Transfers	\$ 5,087	\$ 8,990	\$ 11,950
Totals, Resources	\$ 11,065	\$ 9,687	\$ 14,399
EXPENDITURES			
Disbursements:			
8840 SCO (State Operations - State Controller)	\$ 10	\$ 13	\$ -
8880 Financial Information System for CA (State Operations)	\$ 22	\$ 50	\$ 43
1110 Program Expenditures (State Operations)	\$ 10,336	\$ 7,175	\$ 9,868
Total Disbursements	\$ 10,368	\$ 7,238	\$ 9,911
FUND BALANCE			
Reserve for economic uncertainties	\$ 697	\$ 2,449	\$ 4,488
Months in Reserve	1.2	3.0	5.4

0205 - Geology

Analysis of Fund Condition

(Dollars in Thousands)

Proposed Governor's Budget 2013-14		Governor's	
	ACTUAL	CY	Budget
	2011-12	2012-13	BY
			2013-14
BEGINNING BALANCE	\$ 1,012	\$ 1,041	\$ 898
Prior Year Adjustment	\$ 49	\$ -	\$ -
Adjusted Beginning Balance	\$ 1,061	\$ 1,041	\$ 898
REVENUES AND TRANSFERS			
Revenues:			
125600 Other regulatory fees	\$ 2	\$ 2	\$ 2
125700 Other regulatory licenses and permits	\$ 201	\$ 174	\$ 195
125800 Renewal fees	\$ 753	\$ 853	\$ 753
125900 Delinquent fees	\$ 26	\$ 12	\$ 12
150300 Income from surplus money investments	\$ 5	\$ 4	\$ 2
Totals, Revenues	\$ 987	\$ 1,045	\$ 964
Totals, Revenues and Transfers	\$ 987	\$ 1,045	\$ 964
Totals, Resources	\$ 2,048	\$ 2,086	\$ 1,862
EXPENDITURES			
Disbursements:			
8840 FSCU (State Operations)	\$ 1	\$ 1	\$ -
8880 Financial Information System for CA (State Operations)	\$ -	\$ 7	\$ 6
BCP 1111-01 (Senior Registrar)	\$ -	\$ -	\$ (15)
1110 Program Expenditures (State Operations)	\$ 1,006	\$ 1,180	\$ 1,378
Total Disbursements	\$ 1,007	\$ 1,188	\$ 1,369
FUND BALANCE			
Reserve for economic uncertainties	\$ 1,041	\$ 898	\$ 493
Months in Reserve	10.5	7.9	4.1

Budget Overview

- Introduction
- FY 2012/13 – Summary

Introduction

Expenditure Authority

- Non-Discretionary
 - Salaries and Wages
 - Staff Benefits
 - Pro-Rata (DCA,DGS, SCSA, DOF, SCO)
- Discretionary
 - General Operating Expense
 - Travel
 - Training
 - Enforcement

Introduction Cont.

Revenue and Revenue Codes

- Application / License Fees
 - 125700
- Renewal Fees
 - 125800
- Delinquency Fees
 - 125900

Introduction Cont.

- Appropriation

- A program's annual expenditure authority approved by Governor

3-YEAR EXPENDITURES BY PROGRAM

State Operations:

0770 Professional Engineers' and Land Surveyors' Fund	\$10,336	\$9,230	\$9,868
0205 Geology and Geophysics Account, Professional Engineer's and Land Surveyor's Fund	1,006	1,358	1,378
0995 Reimbursements	48	16	16
Totals, State Operations	\$11,390	\$10,604	\$11,262

* Dollars in thousands

- Fund

- A program's account where expenditures are paid and revenue is deposited
- 0770 - Engineers, 0205 – Geology
- 0995 – Investigative Cost Recovery, OIS Public Sales

0770 - Board for Prof. Engineers and Land Surveyors Analysis of Fund Condition

(Dollars in Thousands)

Proposed Governor's Budget 2013-14

*\$7.0 million GF loan outstanding

	ACTUAL 2011-12	CY 2012-13	Governor's Budget BY 2013-14
BEGINNING BALANCE			
Prior Year Adjustment	\$ 5,707	\$ 697	\$ 2,449
Adjusted Beginning Balance	\$ 271	\$ -	\$ -
	\$ 5,978	\$ 697	\$ 2,449

REVENUES AND TRANSFERS

Revenues:

125600 Other regulatory fees	\$ 91	\$ 79	\$ 44
125700 Other regulatory licenses and permits	\$ 3,386	\$ 2,501	\$ 3,325
125800 Renewal fees	\$ 6,504	\$ 6,339	\$ 5,994
125900 Delinquent fees	\$ 79	\$ 53	\$ 75
150300 Income from surplus money investments	\$ 16	\$ 7	\$ 1
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Totals, Revenues	\$ 10,087	\$ 8,990	\$ 9,450

Transfers from Other Funds

FO0001 Proposed GF Loan Repayment per item	\$ -	\$ -	\$ 2,000
FO0001 Proposed GF Loan Repayment per item	\$ -	\$ -	\$ 500

Transfers to Other Funds

TO0001 GF Loan per item 1110-011-0770	\$ -5,000	\$ -	\$ -
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Totals, Revenues and Transfers

Totals, Resources	\$ 5,087	\$ 8,990	\$ 11,950
	\$ 11,065	\$ 9,687	\$ 14,399

EXPENDITURES

Disbursements:

8840 SCO (State Operations - State Controller)	\$ 10	\$ 13	\$ -
8880 Financial Information System for CA (State Operations)	\$ 22	\$ 50	\$ 43
1110 Program Expenditures (State Operations)	\$ 10,336	\$ 7,175	\$ 9,868

Total Disbursements

	\$ 10,368	\$ 7,238	\$ 9,911
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FUND BALANCE

Reserve for economic uncertainties

	\$ 697	\$ 2,449	\$ 4,488
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Months in Reserve

	1.2	3.0	5.4
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0205 - Geology

Analysis of Fund Condition

(Dollars in Thousands)

Proposed Governor's Budget 2013-14

	ACTUAL 2011-12	CY 2012-13	Governor's Budget BY 2013-14
BEGINNING BALANCE			
Prior Year Adjustment	\$ 1,012	\$ 1,041	\$ 898
Adjusted Beginning Balance	\$ 49	\$ -	\$ -
	\$ 1,061	\$ 1,041	\$ 898
REVENUES AND TRANSFERS			
Revenues:			
125600 Other regulatory fees	\$ 2	\$ 2	\$ 2
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Totals, Resources	\$ 2,048	\$ 2,086	\$ 1,862
EXPENDITURES			
Disbursements:			
8840 FSCU (State Operations)	\$ 1	\$ 1	\$ -
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1110 Program Expenditures (State Operations)	\$ 1,006	\$ 1,180	\$ 1,378
Total Disbursements	\$ 1,007	\$ 1,188	\$ 1,369
FUND BALANCE			
Reserve for economic uncertainties	\$ 1,041	\$ 898	\$ 493
Months in Reserve	10.5	7.9	4.1

FY 2012/13 - Summary

Expenditures

- PELS Baseline Budget - \$9,230,000
- GEO Baseline Budget - \$1,358,000

Revenue (as of 4/30/13)

- PELS Projected Revenue - \$8,990,000
- GEO Projected Revenue - \$1,045,000

PROFESSIONAL ENGINEERS & LAND SURVEYORS FUND - 0770
Budget Report
Expenditure Projection

April 30, 2013		Current Fiscal Month: 10		FY 2011-12		FY 2012-13		Months Remaining: 2	
OBJECT DESCRIPTION	EXPENDITURES (MONTH 10)	ACTUAL	EXPENDITURES AS OF 4/30/2012	BUDGET ALLOTMENT	EXPENDITURES AS OF 4/30/2013	PERCENT OF BUDGET SPENT	PROJECTIONS TO YEAR END	UNCUMBERED BALANCE	
PERSONAL SERVICES:									
Salaries and Wages	1,906,748		1,393,609	2,008,116	1,587,059	79.0%	1,907,818	100,298	
Civil Service-Perm	70,815		53,580	101,908	59,682	58.6%	70,815	31,093	
Exam Proctor (915)	0		0	116,780	3,618	3.1%	116,780	(17,404)	
Allocated Proctor Cost	133,913		62,835	93,586	10,804	0.0%	17,404	(9,024)	
Statutory Exempt - EO	105,923		79,028	16,100	85,508	28.9%	102,610	9,895	
Board/Commission (810.920)	3,300		1,800	6,429	4,654	3.1%	6,205	5,929	
Comm. Member (811)	0		0	14,100	2,962	21.0%	4,000	10,100	
Overtime (909)	2,299		2,167	893,773	753,566	84.3%	872,525	21,248	
Staff Benefits	627,810		605,436	3,250,792	2,508,053	0.0%	2,981,877	0	
Salary Savings	3,050,808		2,218,435			77.2%		268,915	
TOTAL, PERSONAL SVC									
OPERATING EXPENSE AND EQUIPMENT:									
Fingerprints	0		0	0	0	0.0%	0	0	
General Expense	46,081		32,256	67,474	39,722	59.1%	65,397	(7,923)	
Printing	48,377		32,240	24,312	26,002	107.0%	46,273	(21,961)	
Communication	22,127		14,269	23,108	21,071	91.2%	25,497	(2,389)	
Postage	77,323		62,672	36,140	36,471	103.8%	79,341	(44,201)	
Insurance	135		135	0	185	0.0%	222	(222)	
Travel In State	41,702		26,576	88,993	33,817	38.0%	70,080	18,913	
Travel Out-of-State	0		0	0	0	0.0%	0	0	
Training	130		50	13,863	365	2.6%	2,000	11,853	
Facilities Operations	261,785		360,664	369,819	307,735	83.3%	351,500	18,119	
C/P Services - Internal	326,456		304,215	23,958	4,867	20.3%	36,500	(12,542)	
C/P Services - External				5,012	189,463	3780.2%	320,871	(315,859)	
Departmental Services:									
Interagency	28,534		28,534	836	29,014	347.4%	29,014	(28,179)	
All Other DCA Pro Rata	1,027,393		769,965	1,029,388	1,029,338	100.0%	1,029,388	0	
Consolidated Data Center (Teale)	344		285	17,185	487	2.8%	545	16,640	
Information Technology	11,736		11,644	33,256	20,646	62.1%	57,622	(24,366)	
Central (State) Adm Pro Rata	400,548		300,397	394,941	296,206	75.0%	394,941	0	
Examinations:									
Exam Supplies/Materials	567		0	0	0	0.0%	1,000	(1,000)	
Exam Rent	131,686		155,505	363,467	478	0.1%	478	362,979	
Admin. External Svs	3,734,823		4,105,288	2,230,830	236,798	10.6%	241,447	1,989,383	
C/P Svs - Expert Exa	0		0	145,322	0	0.0%	0	145,322	
Major Equipment	0		0	0	10,399	0.0%	12,000	(12,000)	
Other Items of Expense	0		0	308	0	0.0%	0	308	
Vehicle Operations	3,725		3,368	2,893	0	0.0%	0	2,893	
Enforcement:									
Attorney General	600,745		454,236	608,188	535,790	88.1%	661,217	(53,029)	
Office Admin. Hearing	126,404		103,486	162,611	147,625	90.8%	175,000	(12,389)	
Evidence / Witness Fees	163,508		115,544	77,077	145,143	188.3%	205,703	(128,626)	
Court Reporters	13,925		5,527	0	6,335	0.0%	18,000	(18,000)	
DOI - Investigation	390,175		304,181	347,273	347,273	100.0%	347,273	0	
Minor Equipment	35,588		34,426	6,000	18,805	235.1%	21,805	(13,805)	
School Oversight	0		0	0	0	0.0%	0	0	
Board of Control Claims	0		0	0	0	0.0%	0	0	
TOTALS OF & E:									
TOTALS OF & E:	7,493,817		7,245,492	6,063,133	3,484,035	57.5%	4,193,114	1,870,019	
TOTAL EXPENSE:	10,544,623		9,493,927	9,313,925	5,992,068	64.3%	7,174,991	2,138,934	
REIMBURSEMENTS:									
Scheduled	(8,000)		(16,000)	(8,000)	0	0.0%	0	(8,000)	
External & Unscheduled	(8,000)		(8,000)	(8,000)	0	0.0%	0	(8,000)	
Distributed Cost - Int. Geology	(68,000)		(68,000)	(68,000)	0	0.0%	0	(68,000)	
TOTAL REIMBURSEMENTS:	(84,000)		(84,000)	(84,000)	0	0	0	(84,000)	
NET APPROPRIATION:	10,460,623		9,379,927	9,229,925	5,992,068	64.3%	7,174,991	2,054,934	
								SURPLUS/(DEFICIT):	
								22.26%	

FUND NO. 0206
Expense Index 5100

April 30, 2013

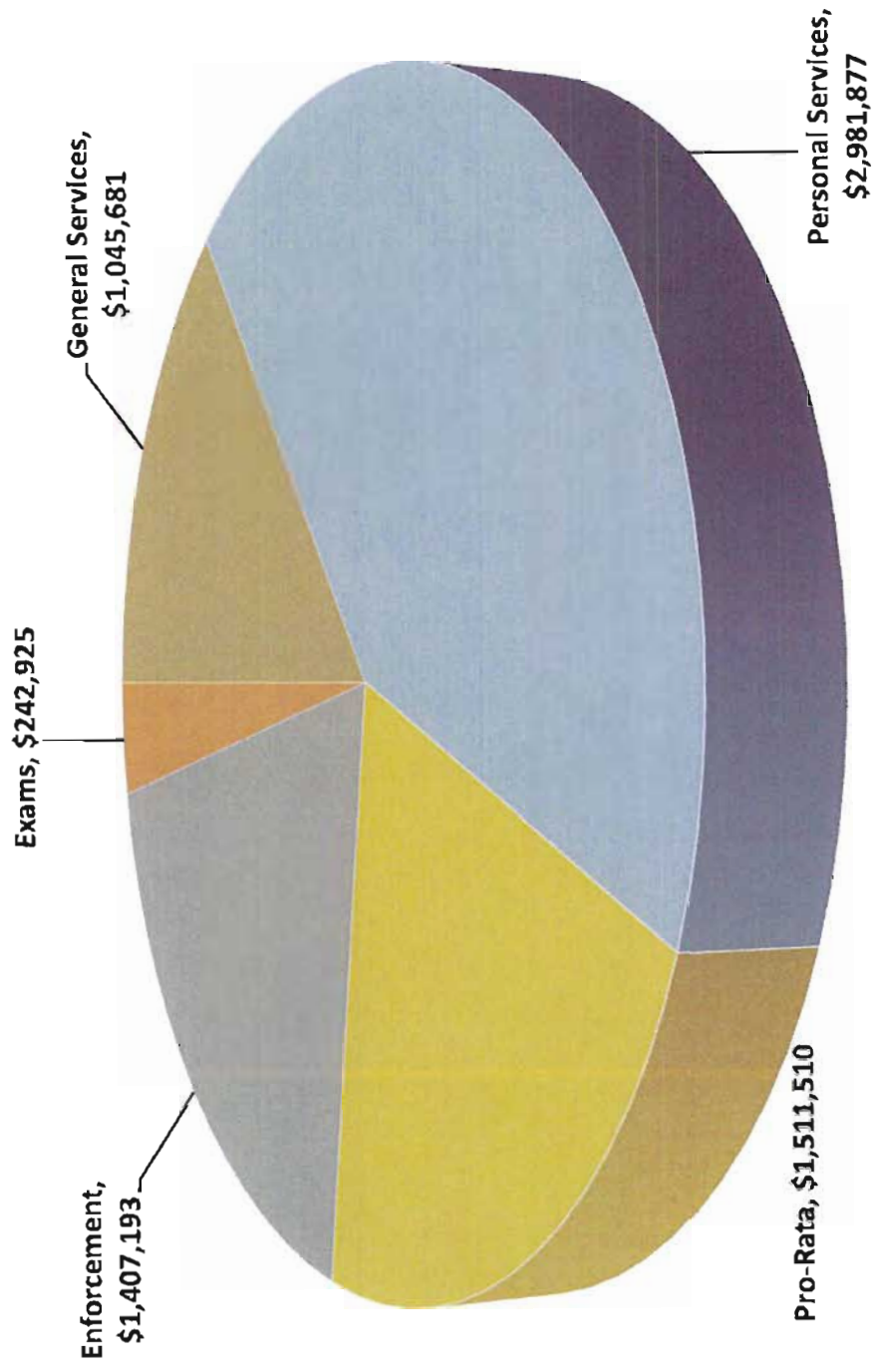
**GEOLOGISTS AND GEOPHYSICISTS PROGRAM
BUDGET REPORT
EXPENDITURE PROJECTION**

MONTH 10

Mos. Remaining: 2

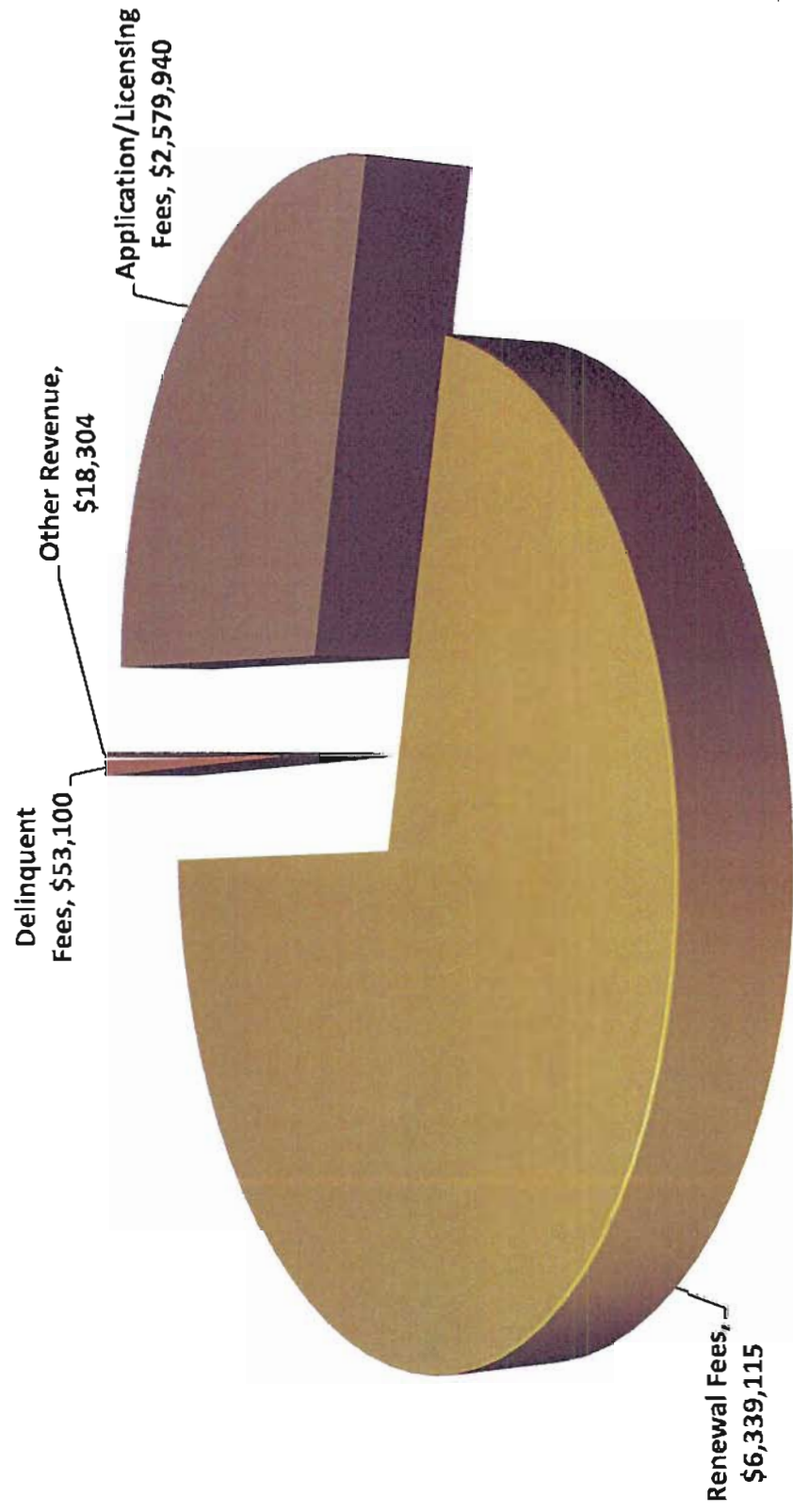
OBJECT DESCRIPTION	FY 2011-12 ACTUAL EXPENDITURES (MONTH 10)	FY 2011-12 PY EXPENDITURES 4/30/12	BUDGET EXPENDITURES ALLOTMENT	FY 2012-13 PERCENT OF BUDGET SPENT	PROJECTIONS TO YEAR END	UNENCUMBERED BALANCE
PERSONAL SERVICES:						
Salaries and Wages	174,606	124,422	226,708	73.8%	206,793	19,915
Civil Service-Perm						
Statutory Exempt	2,400	2,400	18,933	0.0%	2,400	16,533
Temp Help (907)	19,165	13,313	8,282	159.6%	17,620	(9,338)
Allocated Proctor Cost				0.0%		0
Board/Commission (\$10,920)	700	700		0.0%	1,200	(1,200)
Committee Member (\$11)	1,557	1,278		0.0%	2,000	(2,000)
Overtime (909)	80,287	54,785	118,305	74.2%	109,285	9,020
Staff Benefits	0			0.0%		0
Salary Savings						
TOTAL, PERSONAL SVC	278,715	196,898	372,228	72.6%	339,298	32,930
OPERATING EXPENSE AND EQUIPMENT:						
General Expense	7,903	7,534	15,947	16.5%	8,500	7,447
Fingerprint Reports	3,583	2,338	2,731	54.7%	3,500	(769)
Printing	922	552	6,275	12.1%	1,000	5,275
Communication	8,323	7,485	3,731	81.6%	10,000	(8,269)
Postage				0.0%		0
Insurance	15,342	12,822	1,427	451.1%	17,900	(16,473)
Travel In State	0		0	0.0%	0	0
Travel, Out-of-State			2,231	11.2%	500	1,731
Training			9,008	94.4%	8,500	508
Facilities Operations	0	248	59,100	0.0%	3,000	59,100
C & P Services - Internal			1,511	170.7%	32,134	(1,489)
C & P Services - External	40,668	29,657	32,128	100.0%	42,155	0
DP Billing (OIS)	13,740	10,362	42,155	100.0%	68,000	(42,239)
Indirect Distributed Cost (OAS & ISO)	68,000	0	25,781	0.0%	276,124	(276,124)
Interagency Services	205,478	148,238	(52)	0.0%	(52)	0
Interagency Agreement (OER)	30	28	(68)	0.0%	(68)	0
DOI Prorata	0		2,924	100.0%	2,924	0
Public Affairs Office	844	656	4,066	0.3%	44	4,022
Consumer & Comm Rel. (CCED)	44	44	4,108	0.0%	57,695	4,108
Consolidated Data Center (Teale)						0
Data Processing Maint/Supplies	61,036	45,777		75.0%		
Central Admin Pro Rata						
EXAMINATIONS:						
Exam Supplies/Materials	1,440	1,500	142	0.0%	0	142
Exam Rent - Non State	149,172	137,000	5,153	0.0%	0	5,153
Administrative External Svcs	115,459	82,501	359,935	46.8%	101,306	258,629
C/P Svs - Ext Expert Examiners	828	828	110,319	110.7%	154,000	(43,681)
C/P Svs - Sub Matter Experts				0.0%	828	(828)
Major Equipment				0.0%	1,500	(1,500)
Minor Equipment	1,435	1,435		0.0%		0
Special Adjustments						
ENFORCEMENT:						
Attorney General	810	360	215,333	2.7%	7,777	207,556
Office Admin. Hearing	298	27,207	7,783	4.3%	3,300	4,483
Evidence / Witness Fees	35,619		11,667	151.9%	26,583	(14,916)
Court Reporters						0
DOI Investigation	0	0	4,354	100.0%	4,354	0
School Oversight			8,876		8,876	(8,876)
TOTALS, OE&E:	730,972	494,672	985,368	76.1%	840,380	144,988
TOTAL EXPENSE:	1,009,687	691,470	1,367,596	76.2%	1,179,678	177,918
Sched. Reimb. - Other	0	0	0	0.0%	0	0
Sched. Reimb. - Fingerprints	0	0	0	0.0%	0	0
Unsched. Reimb.	0	0	0	0.0%	0	0
TOTAL REIMBURSEMENTS:	0	0	0	0.0%	0	0
NET APPROPRIATION:	1,009,687	691,470	1,367,596	76.2%	1,179,678	177,918
					SURPLUS/(DEFICIT):	13.11%

FY 2012/13 – PELS Projected Expenditures



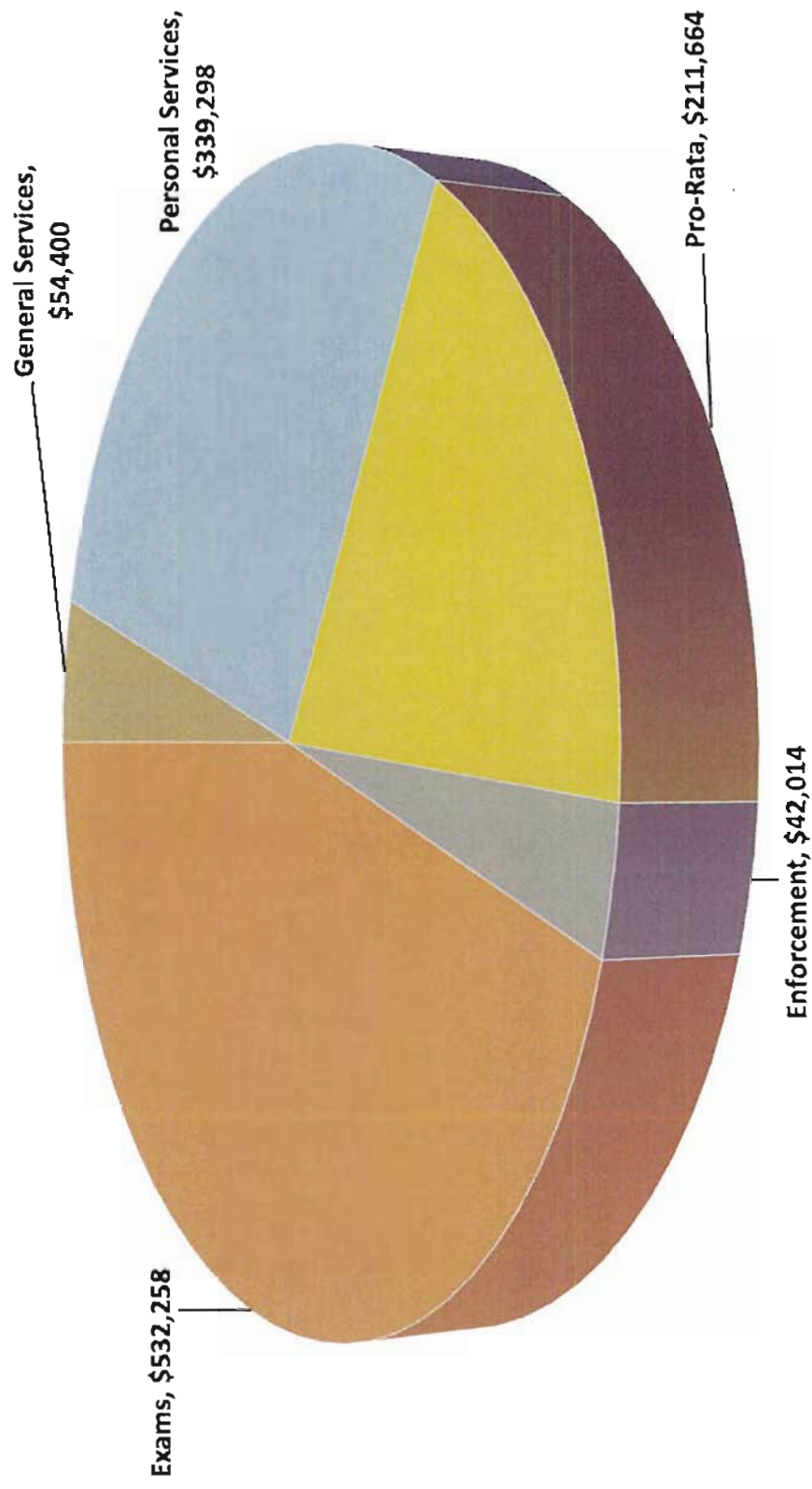
Notes: FY 2012-13 projected expenditures - \$7,174,991

FY 2012/13 – PELS Projected Revenue



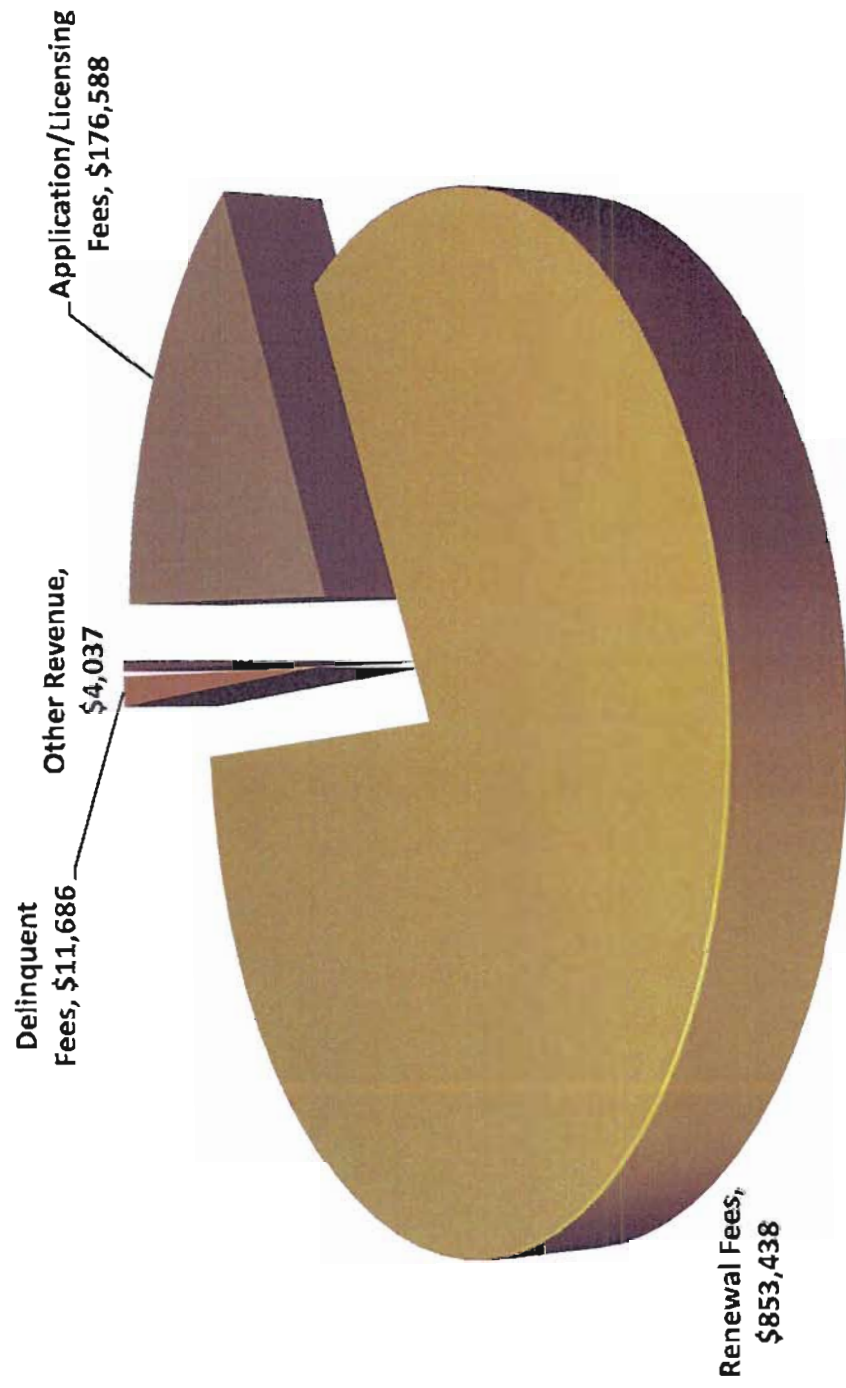
Projected Revenue: \$8,990,458

FY 2012/13 – GEO Projected Expenditures



Notes: FY 2012-13 projected expenditures - \$1,179,678

FY 2012/13 – GEO Projected Revenue



Projected Revenue: \$1,045,748

Questions?



XII. **TECHNICAL ADVISORY COMMITTEES (TACs)**

- A. Board Assignments to TACs (Possible Action)
- B. Appointment of TAC Members (Possible Action)
 - 1. Reappointment of Mark Riches to Geologist and Geophysicist TAC
- C. Reports from the TACs (Possible Action)
- D. August 27, 2013 Joint TAC Meeting (Possible Action)

**APPOINTMENT TO THE GEOLOGISTS AND GEOPHYSICISTS
TECHNICAL ADVISORY COMMITTEE**

Recommended Motion:

Re-Appoint Mark Riches, PGp, to a second term expiring June 30, 2015.

Background:

The GEO-TAC re-appointment of Mr. Mark Riches is being nominated by Board Member Erik Zinn, PG, CEG. The candidate has been a valuable member of the Geo-TAC for 2 years. Mr. Riches has been a licensed Professional Geophysicist since July 11, 1999. The re-appointment of this candidate will help ensure the continuance and enhancement of the geological and geophysical expertise needed to meet the Board's dedication to protection of the public.

Recommended Motion:

Re-Appoint William Owen, PG, CEG PGp, to a second term expiring June 30, 2015.

Background:

The GEO-TAC re-appointment of Mr. William Owen is being nominated by Board Member Erik Zinn, PG, CEG. The candidate has been a valuable member of the Geo-TAC for 2 years and currently serves as the TAC Chair. Mr. Owens has been a licensed Professional Geologist since May 22, 1992, a Certified Engineering Geologist since March 1, 1993 and a Professional Geophysicist since May 1, 2001. The re-appointment of this candidate will help ensure the continuance and enhancement of the geological and geophysical expertise needed to meet the Board's dedication to protection of the public.

Proposed Joint TAC Meeting – August 27, 2013

At the January 13, 2013 Board meeting and after a report presented by Bill Owen, Chair of the Geologist and Geophysicist TAC, pertaining to Subsurface Utility Locating, the Board directed staff to pursue a comprehensive evaluation of this topic with the assistance of the Civil, Geologist/Geophysicist, and Land Surveyor TAC committees and report back to the board with findings.

Staff has coordinated a joint TAC meeting scheduled for August 27, 2013 to address this topic.

It is anticipated that the committees will meet jointly first to address the assigned topic before separating into normal TAC meetings for the remainder of the day to address respective agendas, time permitting.

A report will be provided to the Board during its regular meeting the following day (August 28, 2013)

XIII.

LIAISON REPORTS

- A. ASBOG (Possible Action)
- B. ABET (Possible Action)
- C. NCEES (Possible Action)
 - 1. Propose Amendment to NCEES Policy Regarding Number of Funded Delegates (Possible Action)
- D. Technical and Professional Societies

Item XIII. C. – NCEES Liaison Report

This item is a continuation of a report presented at the April 18, 2013 Board meeting where the Board requested additional information prior to taking a position.

Background

Current NCEES policy (Financial Policy 3) provides funding for "...a minimum of one delegate from each full member board..." to both the annual meeting and the zone meeting. The number of actual delegates is determined annually by the NCEES Board of Directors based on financial status and for the 2012-13 year, two delegates are funded to each meeting.

At the April (California) Board meeting, staff introduced a proposal to petition NCEES to increase the number of funded delegates based on the number of licensees in each jurisdiction. Discussion ensued regarding what number would be an appropriate threshold to propose and the Board requested additional research.

Subsequently, I posed the idea to NCEES's other Member Boards and received 15 total responses:

- Majority supported the idea and even suggested that in lieu of registrant count, add dedicated MBA funding in addition to existing number of delegates to Zone and Annual meetings.
- Several were non-committal and focused more on consolidating zone meetings with Board President's Assembly / MBA meetings.

At this point, we know that the Ohio PE/PLS board has notified NCEES that they plan to introduce a resolution to revise the number of votes for each state. Ohio Board has indicated that they would support our proposed motion and NCEES has indicated that this may be able to be combined into one bylaw change.

In their response to our inquiry, the Alabama Board asked how we were calculating the number of registrants and if that included those licensees with an address of record located outside of our state. They also indicated that about 65% of their registrants were out of state.

Staff Recommendations

Staff recommends that the Board consider one or both of the following proposed revisions and direct staff to notify NCEES requesting consideration at the August 2013 annual meeting.

Option 1:

The Council shall pay the travel expenses of a minimum of one delegate from each full member board to the annual business meeting as specified by the member board. Expenses shall be paid according to the current expense payment policies of NCEES. The annual business meeting registration fee for the delegate shall be waived. The cost of optional functions not included in the registration fee shall not be paid by NCEES. Member boards must meet the *Bylaws* requirements for voting to receive the benefits of a funded delegate. The Council shall also pay the travel expenses and registration fee of one first-time attendee from each member board, within 18 months of initial appointment, to the annual business meeting. Member Boards with more than _____ registrants will be entitled to one additional funded delegate to the annual business meeting beyond the number officially determined annually by the board of directors.

The Council shall pay the travel expenses and registration fee of a minimum of one delegate from each full member board to that board's respective zone interim meeting as specified by the member board. The delegate must be a member of the member board or associate member designated to vote for the member board. Expenses shall be paid according to the current expense payment policies of NCEES. The cost of optional functions not included in the registration fee shall not be paid by NCEES. Member Boards with more than _____ registrants will be entitled to one additional funded delegate to that board's respective zone interim meeting beyond the number officially determined annually by the board of directors.

Choices to insert:

- 60,000+ (CA)
- 40,000+ (CA, TX)
- 30,000+ (CA, TX, PA)
- 25,000+ (CA, TX, PA, NY, NC, OH, VA, WA)

Option 2:

The Council shall pay the travel expenses of a minimum of one delegate from each full member board to the annual business meeting as specified by the member board. Expenses shall be paid according to the current expense payment policies of NCEES. The annual business meeting registration fee for the delegate shall be waived. The cost of optional functions not included in the registration fee shall not be paid by NCEES. Member boards must meet the *Bylaws* requirements for voting to receive the benefits of a funded delegate. The Council shall also pay the travel expenses and registration fee of one first-time attendee from each member board, within 18 months of initial appointment, to the annual business meeting. The Council shall also pay the travel expenses and registration fee for the Board-designated Member Board Administrator (MBA) from each board to the annual meeting.

The Council shall pay the travel expenses and registration fee of a minimum of one delegate from each full member board to that board's respective zone interim meeting as specified by the member board. The delegate must be a member of the member board or associate member designated to vote for the member board. Expenses shall be paid according to the current expense payment policies of NCEES. The cost of optional functions not included in the registration fee shall not be paid by NCEES. The Council shall also pay the travel expenses and registration fee for the Board-designated Member Board Administrator (MBA) from each board to that board's respective zone interim meeting.

XIV. **PRESIDENT'S REPORT/BOARD MEMBER ACTIVITIES**

XV.

NOMINATION AND ELECTION OF PRESIDENT AND VICE PRESIDENT FOR FISCAL YEAR 2013-2014

1.2 SELECTION OF PRESIDENT, VICE PRESIDENT, TEMPORARY PRESIDENT, AND COMMITTEE CHAIRPERSONS

1.2.1 The nomination for and selection of the President and Vice President shall be accomplished by the last scheduled meeting of each fiscal year.

1.2.2 The method of selection for the President shall be by nomination from the members of the Board. The President may appoint a nominating committee to recommend to the Board a proposed President and Vice President. Members of the Board may suggest names to the Nominating Committee. Nominations from the floor shall also be accepted.

XVI. OTHER ITEMS NOT REQUIRING BOARD ACTION

XVII. **APPROVAL OF CONSENT ITEMS**

- A. Approval of the Minutes of the April 18, 2013, Board Meeting

MINUTES OF THE BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

Hilton San Francisco, Financial District
750 Kearny Street, Second Floor, Samsome Room
San Francisco, CA 94108

Thursday, April 18, 2013
Beginning at 10:00 a.m.

Board Members Present: Paul Wilburn, President; Erik Zinn, Vice President; Kathy Jones Irish; Carl Josephson; Mike Modugno; Ray Satorre; Jerry Silva; Robert Stockton; and Patrick Tami

Board Members Absent: Philip Quartararo; Hong Beom Rhee; and Michael Trujillo

Board Staff Present: Ric Moore (Executive Officer); Nancy Eissler (Enforcement Manager); Celina Calderone (Board Liaison); Jeff Alameida (Budget Analyst); Ray Mathe (Staff Land Surveyor); Brooke Phayer (Outreach Coordinator); Linda Brown (Certification Manager) and Gary Duke (Legal Counsel).

I. **Roll Call to Establish a Quorum** – The meeting was called to order by President Wilburn at 10:21 a.m. Roll Call was taken, and a quorum established.

II. **Public Comment**

Adam White introduced himself as the newest member of the Civil TAC.

V. **Executive Officer's Report**

A. Discussion of Legislation

AB 186 – This bill would authorize a board within DCA to issue a provisional license for 18 months to an applicant who meets certain requirements.

MOTION: Mr. Stockton and Mr. Josephson moved to oppose unless amended.

VOTE: 8-0, Motion Carried

AB 1057 – This bill would require each Board within DCA to inquire on every application for licensure if the applicant is serving in, or has previously served in, the military – commencing January 1, 2015.

MOTION: Mr. Josephson and Ms. Jones Irish moved to maintain a watch position.

VOTE: 8-0, Motion Carried

10:27 a.m. - Mr. Silva joined the meeting.

AB 1063 – Mr. Alameida reported that this bill would prohibit the use of certain titles using the words engineer or surveyor unless the person is appropriately licensed. Additionally it would authorize a licensed surveyor to include additional information, as specified, with a record of survey. It would require any monument set by a land surveyor or civil engineer to be marked as specified and to be marked with the name of the agency and the political subdivision it serves, if set by a public agency.

Ms. Eissler indicated that from an enforcement perspective, it should be mandatory that additional information be included if used in the survey and that an appropriate place to place it is in the existing Business and Professions Code 8764 which specifies what needs to be included with the record of survey. She also wants to make clear that the purpose of this additional information is to help others in reviewing it later to understand the Record of Survey. This additional information is informational and it is not something that would be verified by the county surveyor for technical accuracy. Language was developed to seek Board approval to submit it to the author and the sponsor with the position that the Board is opposed to the bill unless it is amended. Language would then be provided for consideration.

Mr. DeWitt representing ACEC presented a memo in reference to comments made regarding AB 1063.

Mr. DeWitt continued discussing monuments set by a public agency. ACEC believes it is an issue of fairness by requiring set tags to include a license number. Not having a license number on a tag that is set provides no assurance that the person is appropriately licensed by the Board.

Craig Copelan indicated that PEGC will likely oppose this portion.

Mr. Moore discussed 8772 in detail and pointed out that all publicly-employed licensed land surveyors or civil engineers authorized to practice land surveying would also have to have their numbers on the tags. He further stated that the Board does not have a problem with the language as it is already permissive for any licensee of a state agency to indicate their number on the tag. He added that from staff's point of view, the licensee that is in responsible charge is already responsible for these actions. There have been concerns expressed to staff that it is

difficult to trace which licensee was responsible for which survey at a public agency. One of the recommendations while working with ACEC and Assembly Member Eggman is the possibility of extending the authority of the Organization Record by having public agencies provide them with the licensee in charge. This may assist in identifying who is in responsible charge.

MOTION: Mr. Tami and Mr. Stockton moved to oppose unless amended with staff's recommended language.

VOTE: 9-0, Motion Carried

SB 152 – This Bill would require Geologists and Geophysicists to use a written contract when contracting to provide geological or geophysical services, as specified. It will provide for consistent operations among engineers, land surveyors, geologists and geophysicists. This bill also repeals temporary authorizations for engineers, geologists and geophysicists. This is a Board sponsored bill.

SB 207 – This bill will eliminate the requirement that the Board for Professional Engineers, Land Surveyors, and Geologists disclose its licensee's address of record. This is a Board Sponsored Bill.

MOTION: Ms. Jones Irish and Mr. Modugno moved to request that this bill be made a two year bill.

VOTE: 9-0, Motion Carried

SB 679 – This bill would increase the reporting provision to require that a licensee report to the Board in writing, as specified, if the amount or value of a civil settlement is greater than \$50,000 and would reduce the reportable amount to \$25,000 in cases in which there was a civil judgment or arbitration award.

MOTION: Mr. Josephson and Mr. Modugno moved to recommend a watch position.

VOTE: 9-0, Motion Carried

SB 822 – This bill is one of the Committee's omnibus bills. Among other things it creates a "retired registration" for geologists and geophysicists.

MOTION: Mr. Zinn and Ms. Jones Irish moved to support.

VOTE: 9-0, Motion Carried

B. Strategic Plan Update

Mr. Alameida reported that benchmarks assessing each task categorized by each objective were included in the update. In lieu of percentages, checkmarks were placed in one of three categories: completed, in progress, or remaining. Mr. Moore explained that many tasks were not conducive to measurement using percentages and hopes that this method is clearer. Mr. Satorre would like to see percentages and to quantify the objectives. Ms. Eissler explained that there are tasks that are not quantifiable and provided an example of the ongoing task of posting disciplinary decisions on the website. There was discussion as to possibly adding another category for ongoing maintenance. President Wilburn would like to stay away from percentages. Mr. Modugno indicated that some tasks may not have measurable outcomes and prefers this method of recording. Mr. Zinn added that it is possible for individual Board members to flag objectives and request specifics. Mr. Stockton suggested a projected completion date column. Mr. Satorre questioned what staff was doing once tasks were completed. Mr. Alameida explained that the document is a living document that represents completed tasks and new assignments. Tasks are presented by the Board for the staff to work on in terms of legislation, enforcement, registration, etc. Mr. Silva explained the Executive Officer's role is to direct staff with day-to-day operations; the Executive Officer has the role of monitoring the activities to ensure tasks are completed and addressed and then articulated back to the members of the Board; the Board developed high level policies and guidelines that the Executive Officer carries out. President Wilburn indicated that if anyone has any specific concerns, they should bring it up to Board staff, but as far as percentages go, he does not feel that it is productive. Mr. Moore noted that when staff has a task, they refer to the Strategic Plan as the Board's voice and guidance on how to proceed. Mr. Satorre voiced the importance of percentages to him. He would like to see an organization/function chart. President Wilburn stated that it is the responsibility of the Executive Officer to ensure that tasks are completed by staff, and the Board's role is to provide direction, not to manage how they are processed. Mr. Zinn noted that if there is a question, the Board member is welcome to ask, but the one Board member does not dictate the entire Board's wants or needs; if a Board member thinks there is insufficient data and they want more included in the next agenda, they can request to have more information provided through the formal motion process. Ms. Jones Irish suggested for discussion in the next agenda the publishing of disciplinary actions on website; specifically, how long after the decision is issued to the time it is posted on the website.

11:55 a.m. - Mr. Silva left the meeting.

C. Personnel

Mr. Moore indicated that Mr. Alameida attended several hearings of Assembly and Senate Committees for the Geologist Registrar position BCP. It was approved in both committees and has moved on to be in next fiscal year's budget. The Board would like to have a geologist on staff before the end of the 2013 calendar year.

D. Administrative Task Force

Mr. Moore indicated that an Administrative Task Force meeting is scheduled for May 8, 2013, regarding the audit of the enforcement process. The Enforcement staff has gathered information for the committee to assist in an evaluation. Staff has reviewed completed cases and captured dates during investigations. They are categorizing them to have information available for the committee. The goal is to have the committee review the information to determine what is reasonable and have recommended goals. Some research has revealed trends that they would like to present to the Board. Procedures need to be established to efficiently track these goals and time frames both internally and with outside parties. In addition, the need to refine the processes, procedures, and criteria when selecting Expert Consultants need to be determined. Internally, there are staff licensees, and we need to better define their role and how to utilize them in investigations versus outside experts. Furthermore, enforcement staff is working full time investigating cases but there are other duties in their daily workload that contribute to their work. This needs to be considered on how they are impacted on their ability to meet these goals.

As for applications, there was an early meeting with expert consultants' to help gather information on methods of application review. In doing this, it appears as though there are going to be recommendations working with the committee to possibly make proposals to the Board.

The Board Operating Procedures and the TAC Operating Procedures will be reviewed as well by the committee. Mr. Zinn inquired if Board members could attend a committee meeting. Mr. Moore indicated that some Board members may be included; however, no more than two can attend at any given time. Members can submit e-mails for discussion to Mr. Moore. Mr. Duke reminded everyone that comments should be funneled through the executive officer.

1:30 p.m. - Mr. Silva returned to the meeting

VI. Enforcement

A. Enforcement Statistical Reports

Ms. Eissler provided statistics recorded at each Board meeting and how it is progressing throughout the fiscal year. She provided a chart that reflected the different types of formal disciplinary actions and indicated that the majority of the disciplinary actions were stipulated settlements.

Ms. Eissler advised that the average amount of time from when a complaint is received to the time it is opened is about 14 days. More information will become available through the Administrative Work Group.

Ms. Eissler added that the backlog of cases awaiting issuance of a citation and awaiting referral to the Office of the Attorney General for either a citation appeal hearing or formal disciplinary action has been eliminated and cases are now being transmitted on a flow basis.

VII. Exams/Licensing

A. Examination Update

Mr. Mathe reported that because they are in the middle of the testing cycle, they do not have statistics. According to his and staff's experience, this is the quietest exam cycle. The no-show rate has gone down considerably and candidate complaints are almost non-existent.

VIII. Approval of Delinquent Reinstatements

MOTION: Mr. Silva and Mr. Tami moved to approve.

VOTE: 9-0, Motion Carried

IX. Consideration of Rulemaking Proposals

A. Adoption of Proposed Amendments to Title 16, California Code of Regulations Sections 411, 412, 3008, and 3009 (Seal, Signature, and Address Change); and 442 and 3035 (Examination Subversion)

MOTION: Mr. Tami and Mr. Satorre moved to adopt Seal, Signature, and Address Change proposals.

VOTE: 9-0, Motion Carried

MOTION: Mr. Zinn and Mr. Tami moved to adopt Examination Subversion proposals.

VOTE: 9-0, Motion Carried

MOTION: Mr. Stockton and Mr. Satorre moved to delegate to Executive Officer to finalize the two rulemaking proposals for submittal to DCA and the Office of Administrative Law.

VOTE: 9-0, Motion Carried

X. Administration

A. FY 2012/13 Budget Overview

Mr. Alameida reported that expenditures from the PELS Fund have been reduced by \$4.0 million versus last fiscal year as a result of no longer contracting for and administering national exams. Applications have decreased as a result of no longer requiring EIT and LSIT applications prior to sitting for exams. The Board projects a reduction of 50% in EIT and LSIT applications versus last fiscal year.

Mr. Moore added that staff is noticing a greater number of delinquent renewals. Mr. Alameida speculated that it may be a result of an aging population or individuals going into other occupations, and Mr. Moore attributed it to the economy or those licensees out of the workforce.

As for the Geologist and Geophysicists Fund, as of February 28, 2013, expenditures have increased as a result of multiple exam development and occupational analysis contracts with OPES (Office of Professional Exam Services). Overall, expenditures and revenue at year-end should remain consistent with historical averages.

Mr. Alameida reported that there will be an increase in the PELS Fund balance as a result of the repayment of the \$2.5 million general fund loan. He is also open to suggestions on how to present the budget reporting.

MOTION: Mr. Silva and Mr. Satorre moved to direct staff to prepare recommendations for budget reporting.

VOTE: 9-0, Motion Carried

XII. Liaison Reports

C. NCEES

1. Mr. Jerry Carter, Executive Director – Update on NCEES Activities
Mr. Moore introduced Mr. Jerry Carter, Executive Director for NCEES. Mr. Carter discussed CBT and application processes that will be beneficial to the candidates and state boards by possibly reducing board's efforts in processing applications. He reported that over the weekend, the national examination had approximately 53,000 candidates, across 300 locations, and seven international locations. He reported some incidences. Financially, they have been doing well, and he appreciates the California Board's involvement.

During the Annual Meeting that will be held in August, there will be a motion that the Ohio Board will introduce. Currently the NCEES bylaw indicates one vote per board. Under the proposal, if a board regulates two professions, you would get two votes. Recommendation to change the bylaw requirements as it is a matter of fairness.

The ACCA committee is proposing that the model law be amended to disassociate the connection between the exams and experience.

Mr. Modugno thanked Mr. Carter for assisting with resolving the exam issue that took place several years ago.

Mr. Moore noted that Mr. Donelson and Mr. Phayer have been working on a series of webinars to assist in the Board's outreach efforts utilizing information provided by NCEES to ensure consistency in the dissemination of information in reference to CBT and the fundamentals exams in addition to promoting certification.

Mr. Moore also proposed to recommend that NCEES fund more delegates based on the number of licensees regulated by each board. This would allow California to have another funded position. Mr. Carter indicated that it is already being considered. Mr. Tami recommended that staff contact other states to see how they would view such a proposal and then bring the matter back to the Board at the next meeting.

2. Appointment of Associate Member

Mr. Moore noted that Ms. Eissler has expressed interest in working with NCEES law enforcement committee as an Associate Member of the Board. It would allow Ms. Eissler to attend various meetings sponsored by NCEES.

MOTION: Mr. Tami and Mr. Satorre moved to nominate Nancy Eissler as Associate Member to NCEES

VOTE: 9-0, Motion Carried

A. ASBOG

Mr. Zinn reported that he attended the Subject Matter Expert Council of Examiners in Virginia as a licensed subject matter expert. ASBOG was pleased to have a representative licensed and actively practicing in California attend. The fundamentals and practices exams appeared to be congruent with the board's mission.

B. ABET

No report given.

D. Technical and Professional Societies

No report given.

XI. Technical Advisory Committees (TACs)

A. Board Assignments to TACs

No report given.

B. Appointment of TAC Members

MOTION: Mr. Stockton and Mr. Tami moved to appoint Adam White and Neal Colwell to the Civil TAC.

VOTE: 9-0, Motion Carried

MOTION: Mr. Tami and Mr. Zinn moved to re-appoint Paul Enneking to Land Surveyor TAC.

VOTE: 9-0, Motion Carried

C. Reports from the TACs

Mr. Mathe reported on the LS TAC meeting that took place April 12, 2013.

XIII. President's Report/Board Member Activities

President Wilburn acknowledged Board staff for assisting in assembling the NCEES Western Zone meeting in coordination with the Board meeting. In addition, he thanked Board members for attending the meeting and working together in a professional manner.

XIV. Other Items Not Requiring Board Action

No report given.

XV. Approval of Consent Items

(These items are before the Board for consent and will be approved with a single motion following the completion of Closed Session. Any item that a Board

member wishes to discuss will be removed from the consent items and considered separately.)

A. Approval of the Minutes of the March 7, 2013 Board Meeting

MOTION: Mr. Tami and Mr. Zinn moved to approve Board meeting minutes

VOTE: 7-0-2, Motion Carried, Kathy Jones Irish and Robert Stockton abstained.

III. Closed Session – Personnel Matters, Examination Procedures and Results, Administrative Adjudication, and Pending Litigation (As Needed) [Pursuant to Government Code sections 11126(a) and (b), 11126(c)(1), 11126(c)(3), 11126(e)(1), and 11126(e)(2)(B)(i)]

IV. Open Session to Announce the Results of Closed Session
Ms. Eissler reported that the Board discussed the three law suits as noticed and took action on two stipulations, a default decision, and a proposed decision. In addition, Mr. Duke reported that an evaluation was conducted of the Board's Executive Officer.

XVI. Adjourn

Meeting adjourned at 6:05 p.m.

PUBLIC PRESENT

Jerry Carter, NCEES

Craig Copelan, PECG

Adam White

Erin Grisby, CPIL/USD

Jim Foley

XVIII. **ADJOURN**

